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Effects of skeletal muscle lipotoxicity on muscle protein synthesis: implications for athletic and ageing populations

Christelle Guillet

► To cite this version:

Christelle Guillet. Effects of skeletal muscle lipotoxicity on muscle protein synthesis: implications for athletic and ageing populations. 20. annual Congress of the European College of Sport Science., Jun 2015, Malmö, Sweden. , 2015, 20th Annual ECSS-Congress, scientific programme. hal-01206987

HAL Id: hal-01206987

<https://hal.science/hal-01206987v1>

Submitted on 3 Jun 2020

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Sustainable Sport

20th Annual Congress of the European College of Sport Science
ECSS Malmö 2015 – Sweden, 24 – 27 June

Final Programme

Hosted by the

Malmö University, Lund University & Copenhagen University

Welcome

Welcome to Malmö

Dear congress participant,

On behalf of the Department of Sport Science, Malmö University, Sweden, the Department of Health Sciences, Lund University, Sweden, and the Department of Nutrition, Exercise and Sport, University of Copenhagen, Denmark, it is our pleasure to invite you to attend the 20th Annual Congress of the European College of Sport Science – ECSS Malmö 2015.

The multidisciplinary ECSS Congress will be celebrating its 20th anniversary. The 2015 congress theme of Sustainable Sport will permeate the academic programme as well as the arrangements: the three universities co-hosting the event all emphasize sustainability.

In education and research, and will work together with the City of Malmö, a fair trade city, to make ECSS 2015 a sustainable sport congress.

The ECSS congress especially emphasises exchange of knowledge through oral and mini-oral presentations, and we are convinced that all attendees will find interesting topics and participate in creating new knowledge within the broad field of Sport Sciences. Once again, the Young Investigators Award will be one of the highlights of the congress.

We look forward to seeing you all in Malmö and the Öresund Region, an area with tremendous social, political, and economic potential in the area of sustainability. Together, we will create an outstanding congress, where we shall develop the broad perspective of sustainable sport.

Susanna Hedenborg & Aage Radman, Congress Presidents

ECSS
Malmö

Organization

Congress Presidents

- Aage Radmann (SWE)
- Susanna Hedenborg (SWE)

ECSS Executive Board

- Marco Narici - President (GBR)
- Sigmund Loland – Past President (NOR)
- Tim Cable – President Elect (GBR)
- Joan Duda (GBR)
- Stephen Seiler (NOR)
- Gisela Sjøgaard (DEN)

ECSS Scientific Board

- Anton Wagenmakers - Chair (GBR)
- Flemming Dela - Co-Chair (DEN)
- Jan Cabri - Secretary (NOR)
- Paul Greenhaff (GBR)
- Martin Halle (GER)
- Susanna Hedenborg (SWE)
- Luc van Loon (NED)
- Jose Antonio Lopez Calbet (ESP)
- Abigail Louise Mackey-Sennels (DEN)
- Erich Müller (AUT)
- Nicole Wenderoth (SUI)

ECSS Scientific Committee

- Natalia Balague (ESP)
- Wilhelm Bloch (GER)
- Annalisa Cogo (ITA)
- Wim Derave (BEL)
- Peter Federolf (NOR)
- Taija Finni (FIN)
- Daniel Green, FECSS (GBR)
- Michael Grey (GBR)
- Markus Gruber (GER)
- Jørn Wulff Helge (DEN)
- Ylva Hellsten (DEN)
- Pierre-Nicolas Lemyre, (NOR)
- Johannes van Lieshout, (NED)
- Mike McNamee, FECSS (GBR)
- Maria Francesca Piacentini (ITA)
- Afroditi Stathi (GBR)
- Cecilie Thøgersen-Ntoumani (AUS)
- Janice L. Thompson (GBR)

ECSS Office

- Thomas Delaveaux (GER)
- Elias Tsolakidis (GRE)
- Steffen Neubert (GER)
- Juliane Melber (GER)
- Tuulia Hokkanen (FIN)

Organizing Committee

- Jan-Eric Ekberg (SWE)
- Per Eriksson (SWE)
- Jenny Damgaard (SWE)
- Christopher Johansson (SWE)
- Annika Larsson (SWE)
- Mikaela Färnqvist (SWE)
- Joakim Åkesson (SWE)

Chairs Local Scientific Committee

- Susanna Hedenborg (SWE)

Biomechanics and Neurology

- Anna Maria Drake (SWE)

Physiology and Sport Medicine

- Jens Bangsbo (DEN)

Social Sciences and Humanities

- Aage Radmann (SWE)

Local Scientific Committee

- Eva Ageberg (SWE)
- Bo Carlsson (SWE)
- Urban Johnson (SWE)
- Tomas Peterson (SWE)
- Gertrud Pfister (DEN)
- Per Nilsson (SWE)
- Johan Norberg (SWE)
- Jens Bangsbo (DEN)
- Nikolai Nordsborg (DEN)
- Ingrid Svensson (SWE)
- Aage Radmann (SWE)

Additional reviewers

- Ingrid Svensson (SWE)
- Andreas Jacobsson (SWE)
- Anna Maria Drake (SWE)
- Åsa Tornberg (SWE)
- Birgitte Høier (DEN)
- Elisabeth Apeldoorn (SWE)
- Eva Ageberg (SWE)
- Eva Horneij (SWE)
- Frida Eek (SWE)
- Gerald Gems (USA)
- Hanna Isaksson (SWE)
- Hans Hoppeler (SUI)
- Henrik Gustavsson (SWE)
- Ingegerd Ericsson (SWE)
- Ingrid Svensson (SWE)
- Jan Lexell (SWE)
- Jan-Eric Ekberg (SWE)
- Jenny Wikman (SWE)
- Jesper Fundberg (SWE)

- Jesper Lövind Andersen (DEN)
- Jesper Lundbye Jensen (DEN)
- Joakim Åkesson (SWE)
- Jyri Backman (SWE)
- Karin Book (SWE)
- Kasper Skriver (DEN)
- Katja Heinemeier (DEN)
- Kelly Knez (SWE)
- Kutte Jönsson (SWE)
- Lars Holm (DEN)
- Lasse Christiansen (DEN)
- Lasse Gliemann Hybholdt (DEN)
- Mark Andersen (SWE)
- Michael Nyberg (DEN)
- Mikael Lontos (SWE)
- Mogens Theisen Pedersen (DEN)
- Natalia Stambulova (SWE)
- Per Wollmer (SWE)
- Peter Magnusson (DEN)
- Peter Møller Christensen (DEN)
- Richard Thomas (DEN)
- Simon Graner (SWE)
- Sofia Bunke (SWE)
- Stephen Fritzdorf (SWE)
- Svend Sparre Gertsen (DEN)
- Sverker Fryklund (SWE)
- Torbjörn Andersson (SWE)
- Torsten Buhre (SWE)
- Wade Knez (SWE)

Head of Volunteers

- Annika Larsson (SWE)

General Information

VENUE

Clarion Hotel & Congress Malmö Live Malmö Live is only a two minute walk away from Malmö main station. The building is a sustainable, green project.

Clarion Hotel & Congress Malmö Live

Dag Hammarskjölds torg 2 211 18
Malmö Sweden

Telefon: +46 40 20 75 00

CONGRESS OFFICE AND REGISTRATION

The congress registration desks are located right of the main entrance at the ground floor facing the hotel registration desk

Opening hours are:

- Wednesday, June 24th 8.30 to 18.00 hrs
- Thursday, June 25th 8.30 to 18.00 hrs
- Friday, June 26th 8.30 to 18.00 hrs
- Saturday, June 27th 8.30 to 16.00 hrs

REGISTRATION FEES INCLUDE

Registration fee for participants includes:

- Admission to all scientific sessions
- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (Congress Bag, Final Programme - in print, Book of Abstracts – print on demand EUR 25*/ EUR 35 on site)
- Coffee or tea breaks(6) and lunches(3)* at the congress venue*
- Admission to the Closing Ceremony
- Admission to the Congress Party*

*pre-booking required

Registration fee for accompanying persons includes:

- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (Congress Bag, Final Programme - in print, Book of Abstracts – print on demand EUR 25*/ EUR 35 on site)
- Coffee or tea breaks(6) and lunches(3)* at the congress venue*
- Admission to the Closing Ceremony
- Admission to the Congress Party*

*pre-booking required.

Please note that accompanying persons don't have admission to scientific sessions

Registration fee for additional exhibitors (minimum two free delegates per company) includes:

- Admission to all scientific sessions
- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (Congress Bag, Final Programme - in print, Book of Abstracts – print on demand EUR 25*/ EUR 35 on site)
- Coffee or tea breaks(6) and lunches(3)* at the congress venue*
- Admission to the Closing Ceremony
- Admission to the Congress Party*

*pre-booking required

CONGRESS STAFF

Congress Staff members will be available to answer questions about the Congress Programme, the location of lecture halls, rooms, meals etc. Staff members can be identified by the light green T-shirt with the ECSS Logo and congress logo.

Have a nice stay in

General Information

SCIENTIFIC PROGRAMME

In developing the scientific programme, we have amassed an enviable collection of leading researchers and scholars from across Europe and around the Globe, to address our congress Sustainable Sport.

In addition a large number of oral presentations, mini-oral presentations and e-posters not debated complete the programme.

1592 abstracts have been accepted and allocated as follows:

- 1 Bengt Saltin Tribute Symposium with 5 presentations
- 4 plenary sessions with 8 presentations
- 37 invited symposia with 115 presentations
- 113 Oral sessions with 584 presentations
- 64 Mini-Oral sessions with 483 presentations
- 401 e-posters

YOUNG INVESTIGATORS AWARD (YIA)

The ECSS has received 355 applications for this year's YIA. Out of those 355 applications 120 have met the administrative requirements for the YIA and based on thorough review entered the final stage of the competition. They will present their papers in front of the jury in Malmö.

The applicants are contending for 20 prizes (10 oral and 10 mini-oral). The Scientific Board and Committee will select the 10 best presentations for each category. Four finalists of the oral presentations will present their papers again. They will have 15 minutes each: 10 minutes presentation time and 5 minutes to answer questions of the Scientific Board and/or Scientific Committee at the Closing Ceremony on Saturday, June 27th. All winners will be announced and receive their prizes at the end of the Closing Ceremony and following the final evaluation by the ECSS Scientific Board and Scientific Committee.

- The top 10 candidates of each category (oral/mini-oral) will be announced on Friday afternoon, June 26th 2015 at the ECSS congress booth next to the registration desk.
- They will be invited to join the YIA-Cocktail to take place in the evening on Friday, June 26th 2015.
- In order to receive their certificate and prize money all prize winners will be asked to be present personally at the Young Investigators Award Ceremony that takes place on Saturday, June 27th, commencing at 16:00h.
- Prize winners who do not attend and accept their prize within the framework of the YIA Ceremony on Saturday, June 27th 2015 cannot be considered for the award prize

PRIZE MONEY

Generous cash prizes will be provided for the finalists.

Oral presentations

- 1st - Euro 4.000,--
- 2nd - Euro 3.000,--
- 3rd - Euro 2.000,--
- 4th - Euro 1.000,--
- Equal 5th - Euro 500,--

Mini-Oral presentations

- 1st - Euro 3.000,--
- 2nd - Euro 2.000,--
- 3rd - Euro 1.000,--
- 4th - Euro 500,--
- Equal 5th - Euro 300,--

n Malmö

General Information

PRESENTATION REGULATIONS AND SPEAKERS READY ROOM

Before

The Speakers Ready Room is located on the ground floor, room Live 11.

Please locate your lecture hall well in advance of your session and familiarize yourself with the setup. Invited and oral presentation format is PowerPoint. All PowerPoint presentations must be preloaded in the Speakers Ready Room.

This must be done the day before your session and as early as possible on Wednesday for sessions on that day.

Once at your session/hall - please check that the file is available on the pc and that it is functional. Note that using private laptops is not allowed.

All presenters must be available at the respective lecture hall 15 minutes before the session starts. Please introduce yourself to the Chair. There will be one or two Malmö volunteers in each lecture hall who can help with logistics, IT and timing of presentations.

During

The Chair will introduce you and call you to speak (name, institution, title of presentation, and if the speaker is running for YIA). Please practice to keep to the exact timeline of the session:

- 10 min presentation
- 5 min discussion

A Malmö volunteer will show you (and the Chair) a yellow card at 9 minutes and a red card at 10 minutes, in order to guide you with respect to the timeline of the presentation. When necessary, a red card will be shown to you again after the allocated 10 minutes, in order to advise you and the Chair to move on to the next presentation

After

Please clear the room as soon as possible at the end of the session as the next session will start within 15 minutes of the end of your session.

Mini-Oral Sessions

Before

Mini-oral sessions require the pre-upload of the presentation in pdf format (4 slides only) in landscape (horizontal). The presentation time is 2 minutes plus 2 minutes questions and answers. The presentation must be pre-uploaded right in advance of the congress via your ECSS account (deadline 15th of June 2015).

Please locate the lecture room of your mini-oral session right in advance. Once at your session please check if the file of your presentation is available on the pc and that it is functional. Introduce yourself to your session Chair(s). Be present at least 10 minutes before your session starts.

During

The Chair introduces the speakers (name, institution, title of presentation, and if the speaker is running for YIA). Please practice to keep to the exact timeline of the session:

- 2 minutes presentation
- 2 minutes discussion

The Chair will initiate discussion allowing the audience to pose questions first.

After

Please leave the room soon after the end of the mini-oral session as there may be a session following shortly after.

CONGRESS LANGUAGE

The official congress language is English. No simultaneous translation will be provided.

MEALS AND COFFEE BREAKS

Congress lunches and coffee breaks are included in the fee for the congress participants. Lunch bags (if pre-booked) are served in the Exhibition Area (ground and first floor) on Thursday to Saturday. Coffee breaks are also served in the Exhibition Area (ground and first floor) from Wednesday to Saturday.

Lunch tickets (if pre-booked)

For lunches participants have been asked to pre-book, indicating special food requirements. For each day (Thursday, Friday, Saturday) you will receive a lunch ticket at the registration desk upon arrival.

BADGES

All registered participants and accompanying persons receive a badge. Exhibiting companies have Exhibitor Passes and accredited members of media have Media Passes. The badge is your document to enter the congress site or any of the social activities. Badges must be worn at all times.

TRANSPORTATION

The city of Malmö is easily accessible via plane from Copenhagen Airport, via train from elsewhere in Scandinavia and from middle Europe and via car from Scandinavia and Europe. The sustainable city of Malmö emphasises

General Information

green values and environmental friendly solutions in travelling and getting around the city. Everything is within a walking distance and in Malmö biking is a popular way to get around. The city is full of good biking routes and it really is the best way to get to know the city. Please check bike rental possibilities here: <http://ecss-congress.eu/2015/15/index.php/travel-and-accommodation/travel-information>

MESSAGES AND CHANGES IN THE PROGRAMME

Messages to participants are given via e-mail. Any changes in the programme will also be announced via e-mail.

INTERNET SERVICES

Wireless internet will be available at the congress venue. You obtain a login code at the registration desk.

TECHNICAL EXHIBITION

The technical exhibition is located on the ground and first floor. The opening hours, at which exhibitors' attendance is mandatory, are:

- Wednesday June 24th 10.00 to 17.30 hrs and 19:30 – 20:30 hrs (during opening reception)
- Thursday June 25th 10.00 to 16.30 hrs
- Friday June 26th 10.00 to 16.30 hrs

TOURIST INFORMATION

Malmö is situated in southern Sweden in Skane region, it is easily accessible via air, rail and road from all over the world. City of Malmö is also part of the big Öresund region, which is joined by the metropolitan city of Copenhagen. The bridge between Malmö and Copenhagen is one of the biggest constructions in Europe and it guarantees a short 15 minute drive from Malmö to Copenhagen. The city of Malmö is a commercial center of southern Sweden, it has gone through a great transition from old industrial city to a city of knowledge, spiced up with over 170 nationalities. Many companies in the area are creating state-of-art technological solutions together with the colleges, science parks and the university.

The city of Malmö is striving from its sustainability. It is extremely important issue all around Sweden and the city of Malmö has done great measures to enhance the livability and sustainability within the city and the guests in Malmö are also recommended to participate. Enjoying the atmosphere in Malmö includes enjoying the sustainable options provided.

- Drink pure and tasty Swedish tap water
- Recycle accordingly
- Cycle, walk and use public transportation
- Try out the different restaurant options – vegetarian alternative is a must as well
- Check out the organic and ethically labelled shops – you won't be disappointed

There will be a mobile tourist office located at the square outside Malmö Live every day during the congress from 12:00 – 14:00. They will answer your questions about Malmö and give tips what to do in the city. They also have maps and brochures for you.

SOCIAL PROGRAMME

The ECSS congress and Malmö offer you a wide range of social events apart from the scientific programme. All functions are included in the congress registration fees, unless indicated differently.

Opening Ceremony

This is the official opening of the congress and will feature on opening addresses from the congress presidents and the ECSS president together with some local entertainment.

Opening Reception (pre-booking required)

The Opening Ceremony will be followed by an Opening Reception, which is also the official opening of the exhibition, with some finger food and drinks.

ECSS General Assembly

All ECSS members are invited to join the ECSS General Assembly to get informed of the latest facts and figures and the development of the society. Wednesday, 24th June 2015, 11:00-12:00, room: Live 3

Closing Ceremony

The Closing Ceremony will immediately follow the Young Investigators Awards and will feature Thanks and Goodbye from Malmö and a presentation from the 21st Annual Congress ECSS Vienna 2016 in Austria.

ECSS Congress Party (pre-booking required)

The Congress Party will take place in Moriska Paviljongen in Folkets Park on Saturday night. It will be the time to celebrate the 20th anniversary congress of the ECSS and dancing will be compulsory.

Congress Exhibitors

056 - 1080 Motion AB

1080 Sprint and 1080 Quantum
SWEDEN

012 - ActiGraph

Objective physical activity monitoring hardware and software
USA

061 - ANT Neuro b.v.

eegosports - ultra-mobile eeg & emg acquisition platform
THE NETHERLANDS

062 - ANT Neuro b.v.

eegosports - ultra-mobile eeg & emg acquisition platform
THE NETHERLANDS

034 - Artinis Medical Systems B.V.

Optical imaging and oxygenation measurements
THE NETHERLANDS

037 - Aspetar

Orthopaedic and Sports Medicine Hospital
QATAR

035 - BIOPAC Systems, Inc.

High-quality scientific tools
USA

063 - Broderiet i Kungsbacka AB/New Wave Profile

Official ECSS Malmö 2015 outfitter - T-shirts, promotional clothing, merchandise
SWEDEN

064 - Broderiet i Kungsbacka AB/New Wave Profile

Official ECSS Malmö 2015 outfitter - T-shirts, promotional clothing, merchandise
SWEDEN

038 - CamNtech Ltd.

Medical devices manufacturer
UNITED KINGDOM

025 - CareFusion Germany 234 GmbH

Lung function devices
GERMANY

043 - Catapult Sports Pty Ltd

Athlete analytics
UNITED KINGDOM

059b - CliniLab/Brain Products

Neuroscience / EEG
FINLAND

057 - Concept / Woodway / Tanita

Scale and body analysis products
SWEDEN

058 - Concept / Woodway / Tanita

Scale and body analysis products
SWEDEN

059 - Concept / Woodway / Tanita

Scale and body analysis products
SWEDEN

018 - Contemplas GmbH

Worldwide software solutions for general motion analysis in the sport and medicine market
GERMANY

026 - CORTEX Biophysik GmbH

CPET systems
GERMANY

041 - COSMED S.r.l.

Comprehensive Cardiopulmonary, Metabolic and Body Composition solutions for the Research, Sport Science and human Performance field
ITALY

042 - COSMED S.r.l.

Comprehensive Cardiopulmonary, Metabolic and Body Composition solutions for the Research, Sport Science and human Performance field
ITALY

046 - Delsys Inc.

Surface Electromyography (sEMG), Surface Decomposition EMG (dEMG) and complimentary Biosignal Systems
USA

036 - DIERS International GmbH

4D motion Analysis
GERMANY

055 - ECSS Vienna 2016

21th annual congress of the ECSS in Vienna 2016
AUSTRIA

007 - Gloria Sports Arena

xxx
TURKEY

045 - h/p/cosmos sports & medical GmbH

h/p/cosmos treadmill solutions
GERMANY

016 - Human Kinetics

Publisher
UNITED KINGDOM

022 - HUR Labs Oy

Performance testing products
FINLAND

023 - HUR Labs Oy

Performance testing products
FINLAND

047 - Kistler Instrumente AG

Force Plates, Force and Acceleration Sensors, Software for Performance and Balance analysis
SWITZERLAND

032 - Lode B.V.

Bicycle and treadmill ergometers and ergometry software
THE NETHERLANDS

033 - Lode B.V.

Bicycle and treadmill ergometers and ergometry software
THE NETHERLANDS

024 - MICROGATE SRL

Systems for training and performance evaluation
ITALY

019 - Monark Exercise AB

Sports & Medical Products for life and Performance
SWEDEN

020 - Monark Exercise AB

Sports & Medical Products for life and Performance
SWEDEN

015 - MTF- Musculoskeletal Transplant Foundation

Human Tissue Bank
USA

030 - Novel GmbH

Load distribution measurement systems
GERMANY

053 - Novel GmbH

Load distribution measurement systems
GERMANY

054 - Novel GmbH

Load distribution measurement systems
GERMANY

017 - PAL Technologies Ltd

activPAL™ - clinical tools for quantifying sedentary, upright and ambulatory activities and behaviour
SCOTLAND, UK

029 - PhysioFlow / Manatec Biomedical

A unique range of noninvasive cardiac output monitors
FRANCE

027 - Polar Electro Sverige AB

Polar Heart Rate Monitors
SWEDEN

021 - PowerBar Europe GmbH

PowerBar Premium Sports Nutrition
GERMANY

052 - POWERbreathe International Ltd

Inspiratory Muscle Training, Better Breathing and Altitude Simulation Training
UNITED KINGDOM

013b - prophysics SOL AB

Motion Analysis
SWEDEN

014 - prophysics SOL AB

Motion Analysis
SWEDEN

031 - Qualisys AB

Motion Capture vendor
SWEDEN

049 - RBM elektronik-automation GmbH

Cyclus2 - The Ergometer for Pros - performance diagnostics and training on your own bike
GERMANY

050 - RBM elektronik-automation GmbH

Cyclus2 - The Ergometer for Pros - performance diagnostics and training on your own bike
GERMANY

051 - Routledge Taylor & Francis Group

Publisher of European Journal of Sport Science
UNITED KINGDOM

065 - Salimetrics Europe Ltd

Saliva Testing ELISA Kits, Saliva Collection Devices, Saliva Testing Service, Saliva Training
UNITED KINGDOM

039 - Tekscan, Inc.

Pressure Measurement Systems
USA

028 - TMG-BMC d.o.o.

Scientifically validated, functional and selective muscle measurements
SLOVENIA

060 - Universidad Católica San Antonio de Murcia (UCAM)

UCAM University - International Higher Education
SPAIN

13A - University of Malmö

University of Malmö, University of Lund, University of Copenhagen and City of Malmö
SWEDEN

066 - Velamed GmbH

Biomechanic Full Supplier
GERMANY

044 - zebris Medical GmbH

Rehawalk® System
GERMANY

Exhibition & Lecture Rooms - Ground floor



Malmö Live
Niveau 01

Lecture Rooms - First floor



Your notes

Sessions

Plenary Sessions.....13

Oral Presentations.....18

Wednesday, June 24th 14

Thursday, June 25th 16

Friday, June 26th 25

Saturday, June 27th 35

Mini Oral Presentations

Wednesday, June 24th (13:00-14:00) ... 38

Wednesday, June 24th (14:00-15:00) 40

Thursday, June 25th (14:00-15:00) 42

Thursday, June 25th (15:00-16:00) 45

Friday, June 26th (15:00-16:00) 48

e-Poster 52

Exhibitors profiles61

Plenary

Plenary sessions

Wednesday, June 24th, 2015

16:45 - 18:00

PS-PL01 CHANCES AND CHALLENGES FOR PHYSICAL ACTIVITY AND LEARNING - SUSTAINABLE MOVEMENTS AND MOVEMENT CULTURES

LECTURE ROOM: HIGH LIVE 1

Chair(s):

Schneider, A. [Canada]

Søgaard, K. [Denmark]

PS-PL01-1

EXERCISE, LEARNING AND MEMORY

Nielsen, J. [Denmark]

PS-PL01-2

SPORT SCIENCE AND THE IDEA OF THE OBESITY CRISIS: A MEMETIC CONSIDERATION

Tinning, R. [Australia]

Thursday, June 25th, 2015

12:00 - 13:15

PS-PL02 FROM THE CRADLE TO THE GRAVE - SPORT AND PHYSICAL ACTIVITY FOR A SUSTAINABLE BODY

LECTURE ROOM: HIGH LIVE 1

Chair(s):

Bangsbo, J. [Denmark]

Pfister, G. [Denmark]

PS-PL02-1

SPORT AND PHYSICAL ACTIVITY FOR A SUSTAINABLE BODY - PAST, PRESENT AND FUTURE CHALLENGES

Hedenborg, S. [Sweden]

PS-PL02-2

THE OLDER MUSCLE: AGEING OR DISUSE?

Harridge, S. [United Kingdom]

Friday, June 26th, 2015

12:00 - 13:15

PS-PL03 EXERCISE, ENERGY INTAKE, BRAIN HEALTH AND WELL BEING

LECTURE ROOM: HIGH LIVE 1

Chair(s):

Narici, M. [United Kingdom]

PS-PL03-1

ENERGY INTAKE AND EXERCISE AS DETERMINANTS OF BRAIN HEALTH AND VULNERABILITY TO INJURY AND DISEASE

Mattson, M. [United States]

PS-PL03-2

CAN EXERCISE AND PHYSICAL ACTIVITY OPTIMISE THE WELLBEING OF POPULATIONS?

Thompson, J.L. [United Kingdom]

Saturday, June 27th, 2015

12:00 - 13:15

PS-PL04 INACTIVITY AND THE AGEING POPULATION

LECTURE ROOM: HIGH LIVE 1

Chair(s):

Duda, J. [United Kingdom]

PS-PL04-1

INCREASING PHYSICAL LEVELS IS THE KEY COMPONENT TO IMPROVING LIFELONG HEALTH AND WELL BEING

Blair, S. [United States]

PS-PL04-2

PHARMACEUTICAL DRUG DEVELOPMENT IS THE KEY TO OFFSETTING AGE RELATED DYSFUNCTION AND CHRONIC DISEASE

Evans, W. [United States]

sessions

* clinical track

Oral & Invited Presentations

Wednesday, June 24th 13:00 - 15:00

Kuben OP-PM76

GSSI Nutrition Award

Chair(s):

Rollo, I. [United Kingdom]

Close, G. [United Kingdom]

13:00 OP-PM76-1
EFFECT OF THE SOURCE OF DIETARY NITRATE SUPPLEMENTATION ON PLASMA NITRITE CONCENTRATIONS AND BLOOD PRESSURE
Jonvik, K.L. et al [Netherlands]

13:15 [YIA] OP-PM76-2
INGESTION OF GLUCOSE OR SUCROSE DURING PROLONGED ENDURANCE TYPE EXERCISE PREVENTS A DECLINE IN LIVER BUT NOT MUSCLE GLYCOGEN CONCENTRATION
Gonzalez, J.T. et al [United Kingdom]

13:30 OP-PM76-3
EFFECT OF CARNOSINE LOADING AND HIGH-INTENSITY INTERVAL TRAINING ON ENDURANCE CYCLING PERFORMANCE
Chung, W. et al [Australia]

13:45 OP-PM76-4
DELAYED INSULIN ACTION DURING OGTT IN HABITUAL LOW-CARBOHYDRATE HIGH-FAT CYCLISTS
Leith, D. et al [South Africa]

14:00 [YIA] OP-PM76-5
EFFECTS OF BLOOD DONATION AND NITRATE INGESTION ON THE PHYSIOLOGICAL RESPONSE TO MODERATE-INTENSITY AND INCREMENTAL EXERCISE
McDonagh, S.T.J. et al [United Kingdom]

High Live 2 OP-PM77

Aspetar Excellence in Football Award

Chair(s):

Nassis, G. [Qatar]

Ali, A. [New Zealand]

13:00 OP-PM77-1
LOW VOLUME SPEED-ENDURANCE TRAINING IMPROVES INTERMITTENT EXERCISE CAPACITY IN HIGHLY TRAINED FOOTBALL PLAYERS IN SEASON: ROLE OF SKELETAL MUSCLE ADAPTATIONS.
Gunnarsson, T. et al [Denmark]

13:15 OP-PM77-2
REPEATED-SPRINT TRAINING IMPROVES O₂ UPTAKE KINETICS AND PERFORMANCE IN HIGHLY TRAINED FOOTBALL PLAYERS: ROLE OF FIBER TYPE SPECIFIC ADAPTATIONS IN SKELETAL MUSCLE
Nyberg, M. et al [Denmark]

13:30 OP-PM77-3
NATURAL ALTITUDE TRAINING AT 1380 M COMBINED WITH 9 H PER DAY AT 3000 M IS AN EFFECTIVE ALTITUDE TRAINING MODE
Carr, A. et al [Australia]

OP-PM77-4
EFFECTS OF VISUAL TRAINING ON DECISION-MAKING AND REACTIVE AGILITY IN ADOLESCENT FOOTBALL PLAYERS
Nimmerichter, A. et al [Austria]

18:00 OP-PM77-5
THE EFFECT OF COLD-WATER IMMERSION ON THE CHANGE IN SKELETAL MUSCLE NA⁺-K⁺-ATPASE GENES FOLLOWING INTENSE INTERMITTENT EXERCISE IN HUMANS
Christiansen, D. et al [Australia]

High Live 3 OP-BN13

Coaching: Team sport I

Chair(s):

Bunke, S. [Sweden]

Gillet, J. [Canada]

13:00 OP-BN13-1
TACKLE TECHNIQUE AND RISK OF INJURY IN HIGH-LEVEL UNDER-18 SOUTH AFRICAN RUGBY UNION PLAYERS
Burger, N. et al [South Africa]

13:15 OP-BN13-2
TRAINING PROCESS OPTIMIZATION BASED ON GAME SUCCESS PREDICTION IN ENGLISH PROFESSIONAL RUGBY UNION
Fomin, R. et al [Finland]

13:30 OP-BN13-3
LOADS VOLUME AND INTENSITY IN FEMALE HIGH-PERFORMANCE HANDBALL MATCH-PLAY
Skarbalius, A. [Lithuania]

13:45 OP-BN13-4
LOAD AND RECOVERY DURING AN IN-SEASON INTENSIVE GAME PHASE; PERCEPTIONS OF PLAYERS AND COACH.
Doeven, S.H. [Netherlands]

14:00 OP-BN13-5
WHEN MORE DOES NOT MEAN BETTER - THE VALUE OF WORK-LIFE BALANCE WITHIN A PROFESSIONAL FOOTBALL ARENA
Saunders, J. et al [Australia]

Wednesday, June 24th 15:00 - 16:30

High Live 1 IS-PM02

THE BENGT SALTIN TRIBUTE SYMPOSIUM

Chair(s):

Sjogaard, G. [Denmark]

Narici, M. [United Kingdom]

15:00 IS-PM02-1
PROFESSOR BENGT SALTIN'S LEGACY AND CONTRIBUTION TO THE ECSS
Narici, M.V. [United Kingdom]

15:30 IS-PM02-2
INTEGRATIVE PHYSIOLOGICAL APPROACHES FOR OPTIMIZING MUSCULAR PERFORMANCE AND HEALTH
Sjogaard, G. [Denmark]

16:00 IS-PM02-3
ROLE OF MUSCLE GLYCOGEN IN EXERCISE METABOLISM AND PERFORMANCE
Graham, T. [Canada]

16:30 IS-PM02-4
EXERCISE TRAINING-INDUCED REGULATION OF MITOCHONDRIAL BIOGENESIS AND MITOPHAGY
Pilegaard, H. [Denmark]

17:00 IS-PM02-5
THE ESSENTIAL OF INTERDISCIPLINARY RESPECT IN RESEARCH FOR A SUSTAINABLE UNDERSTANDING OF HUMAN PHYSICAL ACTIVITY AND SPORT
Hedenborg, S. et al [Sweden]

Kuben IS-PM10

THE ATHLETE'S BIOLOGICAL PASSPORT - WHAT'S THE STATUS? *

Chair(s):

Nordsborg, N. [Denmark]

15:00 IS-PM10-1
THE ATHLETE'S BIOLOGICAL PASSPORT - WHAT'S THE STATUS
Morkeberg, J. [Denmark]

15:30 IS-PM10-2
THE STEROIDAL MODULE
Schulze, J. [Norway]

16:00 IS-PM10-3
THE ENDOCRINE MODULE
Dehnes, Y. [Norway]

High Live 2 IS-PM06

SKELETAL MUSCLE ADAPTATIONS TO ENDURANCE TRAINING: IS TISSUE HYPOXIA THE MAIN SIGNAL?

Chair(s):

Lundby, C. [Switzerland]

15:00 IS-PM06-1
CARDIAC AND SKELETAL MUSCLE METABOLISM IN HIGH ALTITUDE HYPOXIA
Murray, A.J. [United Kingdom]

15:30 IS-PM06-2
SKELETAL MUSCLE HIF-1 AND EXERCISE
Rundqvist, H. [Sweden]

16:00 IS-PM06-3
TISSUE HYPOXIA AND THE HUMAN SKELETAL MUSCLE
Lundby, C. [Switzerland]

High Live 3

OP-PM02

Health, Training & Performance

Chair(s):

Ainsworth, B. [United States]

Aakesson, J. [Sweden]

15:00 [YIA] OP-PM02-1
THE INFLUENCE OF ANTHROPOMETRIC AND MATURATIONAL CHARACTERISTICS ON THE RELATIVE AGE EFFECT IN ALPINE SKI RACING
Müller, L. et al [Austria]

15:15 [YIA] OP-PM02-2
THE EFFECTS OF A MULTIFACTORIAL INJURY PREVENTION INTERVENTION ON PHYSICAL EDUCATION TEACHERS' PREVENTIVE BEHAVIOR AND THEIR SPORTS AND WORK RELATED INJURIES
Vercruyse, S. et al [Belgium]

15:30 [YIA] OP-PM02-3
LEFT AND RIGHT VENTRICULAR AREA-DEFORMATION LOOPS: A NEW NON-INVASIVE TOOL APPLIED TO THE CONCEPT OF EXERCISE-INDUCED CARDIAC FATIGUE
Lord, R. et al [United Kingdom]

15:45 [YIA] OP-PM02-4
LIFELONG EXERCISE EXPOSURE AND CARDIOVASCULAR RISK: IS THERE AN UPPER LIMIT?
Maessen, M.F.H. et al [Netherlands]

16:00 [YIA] OP-PM02-5
INTELLIGENT PHYSICAL EXERCISE TRAINING PROVES EFFECTIVE IN ENHANCING MUSCLE STRENGTH AND REDUCING MUSCULOSKELETAL PAIN IN A WORKPLACE SETTING: A RANDOMIZED CONTROLLED TRIAL
Dalager, T. et al [Denmark]

16:15 [YIA] OP-PM02-6
CIGARETTE SMOKING INTERFERES WITH DIETARY NITRATE METABOLISM AND ITS EFFECTS ON BLOOD PRESSURE AND EXERCISE TOLERANCE
Wylie, L.J. et al [United Kingdom]

High Live 4

IS-BN04

QUALITY OF MOVEMENTS – MORE THAN MEETS THE EYE?

Chair(s):

Ageberg, E. [Sweden]

15:00 IS-BN04-1
WHAT IS CLINICAL ASSESSMENT OF MOVEMENT QUALITY?
Crossley, K. et al [Australia]

15:30 IS-BN04-2
WHAT ARE THE SENSORIMOTOR AND BIOMECHANICAL MECHANISMS ASSOCIATED WITH GOOD AND POOR PERFORMANCE IN CLINICAL TESTS OF MOVEMENT QUALITY?
Creaby, M.W. [Australia]

16:00 IS-BN04-3
USING CLINICAL ASSESSMENT OF MOVEMENT QUALITY IN THE INJURY REHABILITATION AND RETURN-TO-SPORT
Ageberg, E. [Sweden]

Live 1

IS-BN06

TENDON ADAPTATION

Chair(s):

Finni, T. [Finland]

15:00 IS-BN06-1
TENDON RESPONSE TO EXERCISE TRAINING
Bojsen-Moller, J. [Norway]

15:30 IS-BN06-2
THE RELATIONSHIP BETWEEN TENDON MECHANICAL PROPERTIES AND DAILY STRESS LEVELS
Seynnes, O. [Norway]

16:00 IS-BN06-3
EFFECTS OF AGING AND DISUSE ON TENDON
Stenroth, L. [Finland]

Live 2

IS-SH01

FEPSAC SYMPOSIUM – THE DEVELOPMENT OF EXPERTISE AND COMPETENCIES OF APPLIED SPORT PSYCHOLOGISTS IN EUROPE

Chair(s):

Johnson, U. [Sweden]

15:00 IS-SH01-1
'FEPSAC SYMPOSIUM 'THE DEVELOPMENT OF EXPERTISE AND COMPETENCIES OF APPLIED SPORT PSYCHOLOGISTS IN EUROPE'.
Johnson, U. [Sweden]

15:30 IS-SH01-2
THE PROFESSIONAL DEVELOPMENT OF THE ASP PRACTITIONER
Wylleman, P. et al [Belgium]

16:00 IS-SH01-3
WORKING EFFECTIVELY IN YOUTH SPORT: REFLECTIONS OF A LEAD SPORT PSYCHOLOGIST
Harwood, C. [United Kingdom]

16:30 IS-SH01-4
BECOMING A COMPETENT PRACTITIONER IN SPORT PSYCHOLOGY: TYPICAL CHALLENGES AND EFFECTIVE LEARNING EXPERIENCES
Hutter, V. [Netherlands]

Live 3

IS-SH02

ANIMALS, SPORT AND HEALTH – A SUSTAINABLE RELATIONSHIP?

Chair(s):

Jönsson, K. [Sweden]

15:00 IS-SH02-1
YOUTH EQUESTRIAN SPORT: INTERSPECIES RELATIONS IN TIME AND SPACE
Gillet, J. [Canada]

15:30 IS-SH02-2
THE HORSE AS A HEALTH WORKER?
Sörensen, M. [Norway]

16:00

ETHICS IN HORSE RIDING

Dashper, K. [United Kingdom]

IS-SH02-3

Live 4

OP-PM05

Muscle Metabolism & Nitrate Ingestion

Chair(s):

Horiuchi, M. [Japan]

Willems, M. [United Kingdom]

15:00 [YIA] OP-PM05-1
CELLULAR MECHANISMS OF VITAMIN D IN SKELETAL MUSCLE REPAIR: A LIVE CELL IMAGING ANALYSIS
Owens, D. et al [United Kingdom]

15:15 [YIA] OP-PM05-2
DIURNAL DIFFERENCES IN THE MYOFIBRILLAR PROTEOME OF HUMAN VASTUS LATERALIS
Malik, Z.A. et al [United Kingdom]

15:30 [YIA] OP-PM05-3
INFLUENCE OF BEETROOT JUICE AND SODIUM NITRATE ON OXYGEN CONSUMPTION IN TRAINED MEN
Flueck, J.L. et al [Switzerland]

15:45 [YIA] OP-PM05-4
EFFECTS OF ACUTE VERSUS 6-DAY SODIUM NITRATE SUPPLEMENTATION ON TIME-TRIAL PERFORMANCE IN TRAINED CYCLISTS
Nyakayiru, J. et al [Netherlands]

16:00 [YIA] OP-PM05-5
EFFECTS OF BLOOD DONATION AND NITRATE INGESTION ON THE PHYSIOLOGICAL RESPONSE TO MODERATE-INTENSITY AND INCREMENTAL EXERCISE
McDonagh, S.T.J. et al [United Kingdom]

16:15 [YIA] OP-PM05-6
LOW MUSCLE GLYCOGEN IMPAIRS POST-EXERCISE P70S6K ACTIVITY DESPITE HIGH LEUCINE AVAILABILITY: THE CRITICAL GLYCOGEN HYPOTHESIS
Impey, S.G. et al [United Kingdom]

Live 5

OP-BN01

Neuromuscular Control

Chair(s):

Nicol, C. [France]

Federolf, P. [Norway]

15:00 [YIA] OP-BN01 -1
VISCOELASTIC CONTROL FOR HUMAN STANDING
Tomida, S. et al [Japan]

15:15 [YIA] OP-BN01 -2
EFFECTS OF ALPINE SKIING ON PATELLAR TENDON PROPERTIES IN OLDER PATIENTS WITH TOTAL KNEE ARTHROPLASTY
Wiesinger, H.P. et al [Austria]

15:30 [YIA] OP-BN01 -3
EFFECTS OF DIFFERENT STRETCHING TECHNIQUES ON MUSCLE- AND TENDON PROPERTIES
Konrad, A. et al [Austria]

15:45 [YIA] OP-BN01 -4
INTERMITTENT CONTROL OF TIPTOE STANDING: POSTURAL ROBUSTNESS BASED ON JOINT VISCOELASTICITY
Tanabe, H. et al [Japan]

16:00 [YIA] OP-BN01 -5
INNOVATIVE VIDEO FEEDBACK ON JUMP-LANDING STRATEGIES IMPROVES LANDING TECHNIQUE IN MALE TEAM SPORT ATHLETES
Dallinga, J.M. et al [Netherlands]

16:15 [YIA] OP-BN01 -6
CLASSIFICATION OF ICE HOCKEY SKILL LEVEL BASED ON PRINCIPAL MUSCLE RECRUITMENT STRATEGIES
Buckeridge, E. et al [Canada]

09:00 OP-PM06-3
WALKING CAPACITY IS INVERSELY ASSOCIATED TO AMBULATORY BLOOD PRESSURE IN PATIENTS WITH INTERMITTENT CLAUDICATION
Lima, A.H.R.A. et al [Brazil]

09:15 OP-PM06-4
NO EFFECT OF SIX MONTHS OF TRAINING ON THE HEMODYNAMIC RESPONSE TO METABOREFLEX ACTIVATION IN MULTIPLE SCLEROSIS PATIENTS
Marongiu, E. et al [Italy]

09:30 OP-PM06-5
EFFECTS OF AN INSPIRATORY MUSCLE TRAINING VS A CONVENTIONAL EXERCISE THERAPY ON RESPIRATORY FUNCTION AND FUNCTIONAL EXERCISE CAPACITY IN COPD PATIENTS
Wright, P.R. et al [Germany]

09:45 OP-PM06-6
COMPARISON OF THE EFFECTS OF TWO SHORT-TERM CARDIAC REHABILITATION PROGRAMS WITH AEROBIC TRAINING ON CARDIAC FITNESS INDICES AFTER CORONARY ARTERY BYPASS SURGERY
Hematfar, A. [Iran]

High Live 2 OP-PM01

Sports Medicine

Chair(s):
Boreham, C. [Ireland]
Tornberg, Å. [Sweden]

08:30 [YIA] OP-PM01-1
IS NERVE DEGENERATION A FEATURE OF TENDINOPATHY? STUDIES ON MIDPORTION ACHILLES TENDINOPATHY AND TENNIS ELBOW
Spang, C. et al [Sweden]

08:45 [YIA] OP-PM01-2
THE EFFECTS OF SHORT-TERM LOW ENERGY AVAILABILITY ON BONE TURNOVER IN WOMEN
Papageorgiou, M. et al [United Kingdom]

09:00 [YIA] OP-PM01-3
EXERCISE TRAINING REDUCES ACUTE PHYSIOLOGICAL SEVERITY OF MENOPAUSAL HOT FLUSHES
Bailey, T.G. et al [United Kingdom]

09:15 [YIA] OP-PM01-4
URINARY CONCENTRATIONS OF SINGLE AND MULTIPLE ADMINISTRATION OF INHALED AND ORAL TERBUTALINE: INFLUENCE OF GENDER AND ETHNICITY
Molphy, J. et al [United Kingdom]

09:30 [YIA] OP-PM01-5
FOLLOWING PHYSICAL ACTIVITY RECOMMENDATIONS AND NORMAL WEIGHT ARE ASSOCIATED WITH LOW STRESS AND GOOD RECOVERY
Föhr, T. et al [Finland]

09:45 [YIA] OP-PM01-6
GLUCOSE AND HORMONE RESPONSE TO INTERMITTENT VS. CONSTANT LOAD EXERCISE IN TYPE 1 DIABETES MELLITUS <T1DM> USING NEW ULTRA-LONG-ACTING INSULIN
Moser, O. et al [Germany]

High Live 3 OP-PM03

Exercise Metabolism, Mitochondrial Function and Body composition

Chair(s):
Murphy, R. [Australia]
Ichinoseki-Sekine, N. [Japan]

08:30 [YIA] OP-PM03-1
MODERATE INTENSITY EXERCISE TRAINING RAPIDLY INCREASES INSULIN STIMULATED INTESTINAL GLUCOSE UPTAKE IN SEDENTARY INDIVIDUALS.
Motiani, K.K. et al [Finland]

08:45 [YIA] OP-PM03-2
GENDER DIFFERENCES IN MITOCHONDRIAL OXIDATIVE CAPACITY AFTER WEIGHT REGAIN FOLLOWING A LIFESTYLE INTERVENTION
Jørgensen, S. et al [Denmark]

09:00 [YIA] OP-PM03-3
CHRONIC NON-STEROIDAL ANTI-INFLAMMATORY DRUG INGESTION BLUNTS INCREASES IN MUSCLE

MITOCHONDRIAL FUNCTION DURING RESISTANCE EXERCISE TRAINING IN HUMANS
Gaffney, C.J. et al [United Kingdom]

09:15 [YIA] OP-PM03-4
MAXIMAL FAT OXIDATION DURING EXERCISE IS POSITIVELY ASSOCIATED WITH 24-HOUR FAT OXIDATION AND INSULIN SENSITIVITY IN YOUNG, HEALTHY MEN
Robinson, S.L. et al [United Kingdom]

09:30 [YIA] OP-PM03-5
STATIN MYALGIC PATIENTS HAVE IMPAIRED MITOCHONDRIAL RESPIRATORY FUNCTION IN SKELETAL MUSCLE
Dohmann, T. et al [Denmark]

09:45 [YIA] OP-PM03-6
DETERMINATION OF BODY FAT AND MUSCLE MASS IN UPPER BODY ATHLETES – A COMPARISON OF METHODS
Morris, T.E. et al [United Kingdom]

High Live 4 OP-PM61

Health & Fitness: Age III

Chair(s):
WANG, H. [China]
Tian, Y. [China]

08:30 OP-PM61-1
TELOMERE LENGTH IS ASSOCIATED WITH MOBILITY IN OLDER WOMEN, BUT DOES NOT PREDICT MOBILITY DECLINE DURING 11 YEAR FOLLOW-UP
Sillanpää, E. et al [Finland]

08:45 OP-PM61-2
EFFECTS OF A PROGRAM OF PHYSICAL ACTIVITY IN ELDERLY WOMEN
Freitas, G. [Brazil]

09:00 OP-PM61-3
12 WEEKS OF FLOORBALL TRAINING LOWERS BODY FAT IN ELDERLY UNTRAINED MEN
Vorup, J. [Denmark]

09:15 OP-PM61-4
EXERCISE INTERVENTION CAN CHANGE SEDENTARY BEHAVIOR TO PHYSICAL ACTIVITY IN MIDDLE TO OLDER ADULTS BASED ON OBJECTIVELY-MEASURED HOURLY ACCELERATION
Ayabe, M. et al [Japan]

09:30 OP-PM61-5
PHYSIOLOGICAL RESPONSES OF MEN IN RECREATIONAL SWIMMING AFTER A MAXIMAL SPRINT TEST - A PILOT STUDY
Lampadari, V. et al [Greece]

09:45 OP-PM61-6
FLIPPING THE CLASSROOM IN AN UNDERGRADUATE SPORTS COACHING COURSE
Reddan, G. et al [Australia]

Live 1 OP-BN14

Coaching: Team sport II

Chair(s):
Nilsson, P. [Sweden]
Jacobsson, A. [Sweden]

08:30 OP-BN14-1
DEVELOPMENT OF WORKING MEMORY TRAINING PRINCIPLES AND INTEGRATION INTO 'ONE ON ONE' FOOTBALL COACHING
Hall, J. [New Zealand]

08:45 OP-BN14-2
COACHES' BEHAVIOR IN BASQUE TRADITIONAL ROWING
Leon Guerenon, P. [Spain]

09:00 OP-BN14-3
THE PENALTY IN FOOTBALL: RELATE TO SUCCEED
Vicente, A. et al [Portugal]

09:15 OP-BN14-4
PLYOMETRIC FOUR WEEK TRAINING BEFORE IN-SEASON TRAINING PROGRAM ON POWER PERFORMANCE IN MALE AMATEUR SOCCER PLAYERS
Thawichai, K. [Thailand]

09:30 OP-BN14-5
KEY DRIVERS OF CUSTOMER EXPERIENCE IN THE PLAYERS OF PREMIER ‎LEAGUE FOOTBALL CLUBS
Khodamoradpoor, M. [Iran]

09:45 OP-BN14-6
THE RELATIONSHIP BETWEEN DIFFERENT HITTING REGIONS ON A TENNIS RACQUET AND ACCURACY ON THE COURT
Tan, Y. et al [Turkey]

Live 2 OP-SH02

Sport Psychology and Motor/Cognitive Function

Chair(s):
Johnson, U. [Sweden]
Gaoua, N. [United Kingdom]

08:30 [YIA] OP-SH02-1
A THREE-WAVE CROSS LAGGED PANEL TEST OF SELF-DETERMINATION THEORY'S PSYCHOLOGICAL NEEDS-MEDIATED MODEL OF ENGAGEMENT AND DISAFFECTION IN YOUTH SPORT
Curran, T. et al [United Kingdom]

08:45 [YIA] OP-SH02-2
REFLECTION AND BALL CONTROL IN YOUTH BASKETBALL PLAYERS FOR DIFFERENT POSITIONS
Te Wierike, S.C.M. et al [Netherlands]

09:00 [YIA] OP-SH02-3
BREATH SLOWER, BE SMARTER? THE EFFECTS OF SLOW PACED BREATHING ON COGNITIVE EXECUTIVE FUNCTIONING
Laborde, S. [Germany]

09:15 [YIA] OP-SH02-4
THE NUMBER OF COMPETITORS AFFECTS PACING AND PERFORMANCE IN SHORT-TRACK SPEED SKATING COMPETITIONS
Konings, M. et al [United Kingdom]

Oral & Invited Presentations

09:30 [YIA] OP-SH02-5
TO IMPROVE OR NOT TO IMPROVE; THE PSYCHOLOGICAL PROFILE OF ELITE YOUTH SPEED SKATERS
Stoter, I.K. et al [Netherlands]

09:45 OP-SH02-6
ASSESSING PERSONAL TALENT DETERMINANTS IN YOUNG RACQUET SPORT PLAYERS: A SYSTEMATIC REVIEW
Faber, I.R. et al [Netherlands]

Live 3 OP-SH03

Sport management (Sustainability and Sport events)

Chair(s):
Houlihan, B. [United Kingdom]
Westerbeek, H. [Australia]

08:30 OP-SH03-1
SPECTACLE MEETS SUSTAINABILITY: THE RELATIONSHIP BETWEEN EVENTS AND SPORT-FOR-DEVELOPMENT PROGRAMS
Schulenkorf, N. et al [Australia]

08:45 OP-SH03-2
FROM LONDON TO RIO: CAN SUSTAINABILITY BE SUSTAINED?
Hatlem, P. [United States]

09:00 OP-SH03-3
ACADEMIC RESEARCH COLLABORATION FOR RISK MANAGEMENT IN SPORTS EVENTS
Benetti, M. et al [Brazil]

09:15 OP-SH03-4
ON THE PERIPHERY: NEW PERSPECTIVES ON THE OLYMPIC AND PARALYMPIC MOVEMENT
Baka, R. et al [Australia]

Live 4 OP-PM19

Physiology: Fatigue, Muscle damage & repair

Chair(s):
Westerblad, H. [Sweden]
Kay, A. [United Kingdom]

08:30 OP-PM19-1
CONTRALATERAL PROTECTIVE EFFECT CONFERRED BY LOW-INTENSITY ECCENTRIC EXERCISE AGAINST MAXIMAL ECCENTRIC EXERCISE-INDUCED MUSCLE DAMAGE
Chen, T.C. et al [Taiwan]

08:45 OP-PM19-2
EFFECT OF COMPRESSION GARMENTS ON RECOVERY OF EXERCISE PERFORMANCE FOLLOWING DOWNHILL RUNNING
Mizuno, S. et al [Japan]

09:00 OP-PM19-3
TEN MAXIMAL ISOMETRIC CONTRACTIONS DO NOT ATTENUATE DOWNHILL RUNNING-INDUCED MUSCLE DAMAGE AND EFFICIENCY LOSS
Lima, L.C.R. et al [Brazil]

09:15 OP-PM19-4
THE ROLE OF BRAIN-DERIVED NEUROTROPHIC FACTOR IN THE EXERCISE-INDUCED SKELETAL MUSCLE INJURY AND REPAIR
Yu, T. et al [China]

09:30 OP-PM19-5
EFFECT OF HYPOXIA AND DIETARY NITRATE SUPPLEMENTATION ON ADAPTATIONS TO SPRINT INTERVAL TRAINING
De Smet, S. et al [Belgium]

09:45 OP-PM19-6
CYCLING POWER MEASUREMENT: LAB TESTS VS INDOOR TRACK TESTS
Cupido Santos, A. et al [Portugal]

Live 6 OP-PM11

Thermoregulation I

Chair(s):
Abbiss, C. [Australia]
Girard, O. [Switzerland]

08:30 OP-PM11-1
REGULAR COLD-WATER IMMERSION AFTER HIGH-INTENSITY INTERVAL TRAINING DOES NOT HINDER THE ADAPTIVE RESPONSE IN HUMAN SKELETAL MUSCLE
Broatch, J.R. et al [Australia]

08:45 OP-PM11-2
A COMPARISON BETWEEN CONDUCTIVE AND INFRARED DEVICES FOR MEASURING MEAN SKIN TEMPERATURE AT REST, DURING EXERCISE IN THE HEAT, AND RECOVERY
Costello, J.T. et al [United Kingdom]

09:00 OP-PM11-3
HYPERTHERMIA ALTERS PROPRIOCEPTION AND BALANCE
Mtiibaa, K. et al [Qatar]

09:15 OP-PM11-4
THE WHOLE BODY CRYOSTIMULATION DOES NOT CHANGE IRISIN CONCENTRATION BUT REDUCES INFLAMMATION IN MIDDLE AGED, OBESE MEN.
Ziemann, E. et al [Poland]

09:30 OP-PM11-5
EFFECT OF ISCHEMIC PRECONDITIONING ON SWIMMING PERFORMANCE IN A HIGH-INTENSITY INTERVAL TRAINING SET: A RANDOMIZED, PLACEBO AND NOCEBO-CONTROLLED STUDY
Ferreira, T.N. et al [Brazil]

09:45 OP-PM11-6
EFFECTS OF EXTERNAL MOTIVATION ON CYCLING TIME TRIALS
Skorski, S. et al [Germany]

Live 7 OP-PM26

Physiology: Brain

Chair(s):
Nosaka, K. [Australia]
Zijdewind, I. [Netherlands]

08:30 OP-PM26-1
THE INFLUENCE OF A MILD THERMAL CHALLENGE AND SEVERE HYPOXIA ON SERUM BDNF.
Tonoli, C. et al [Belgium]

08:45 OP-PM26-2
PHYSICAL EXERCISE ACTIVATES THE MU-OPIOID SYSTEM IN HUMAN BRAIN
Saaniijoki, T. et al [Finland]

09:00 OP-PM26-3
VISUAL ACUITY AND CONTRAST SENSITIVITY ARE NOT AFFECTED BY HYPOXIC CONDITIONS IN SHORT-TERM AND LONG-TERM ACCLIMATIZED HIKERS
Krusche, T. et al [Germany]

09:15 OP-PM26-4
PHYSICAL AND MENTAL EXERTION REDUCE COGNITIVE PERFORMANCE ON PROFESSIONAL FOOTBALL PLAYERS
Angius, L. [United Kingdom]

09:30 OP-PM26-5
DOES EXERCISE PREFERENCE OR ADAPTATION MATTER FOR THE EFFECT ON BRAIN CORTICAL ACTIVITY?
Abeln, V. et al [Germany]

Live 8 OP-BN12

Musculoskeletal & Fatigue

Chair(s):
Jakobi, J. [Canada]
Baudry, S. [Belgium]

08:30 [YIA] OP-BN12-1
PREDICTIVE MUSCULOSKELETAL SIMULATION OF UPHILL AND DOWNHILL RUNNING
Dorschky, E. et al [Germany]

08:45 [YIA] OP-BN12-2
SEASONAL VARIATIONS IN SKIING ECONOMY IN ELITE CROSS-COUNTRY SKIERS ARE ASSOCIATED WITH CHANGES IN SKIING TECHNIQUE
Myklebust, H. et al [Norway]

09:00 [YIA] OP-BN12-3
CHARACTERISTICS OF MUSCLE AND TENDON MECHANICAL PROPERTIES FOR SPRINTERS AND SWIMMERS
Kunimasa, Y. et al [Japan]

09:15 [YIA] OP-BN12-4
EMG ACTIVITY OF THE LOWER LIMB MUSCLES DURING SPRINT CYCLING AT MAXIMAL CADENCE
Rudsits, B.L. et al [Australia]

09:30 [YIA] OP-BN12-5
POST-ACTIVATION POTENTIATION DURING AN ISOMETRIC TRAINING SESSION: CONTRIBUTION OF PERIPHERAL AND CENTRAL MECHANISMS
Xenofondos, A. et al [Greece]

09:45 [YIA] OP-BN12-6
ACTIVATION OF 5HT1A RECEPTORS: A PLAUSIBLE CONTRIBUTOR TO CENTRAL FATIGUE?
D'Amico, J.M. et al [Australia]

Live 10 OP-SH04

Physical Education & Pedagogics (Children in Sport)

Chair(s):
Gems, G. [United States]
Resaland, G. [Norway]

08:30 OP-SH04-1
SPORT INJURIES IN SCHOOL PE AND IN LEISURE TIME. A STUDY AMONG ADOLESCENTS IN SWEDEN, GERMANY, NEW ZEALAND AND IN THE US.
Sollerhed, A.C. et al [Sweden]

08:45 OP-SH04-2
THE VALIDITY AND FEASIBILITY OF AN ATHLETIC SKILLS TRACK AMONG 6- TO 12-YEAR-OLD CHILDREN
Hoeboer, J.J.A.A.M. et al [Netherlands]

09:00 OP-SH04-3
USING DRAWING AS A GATEWAY TO UNDERSTANDING CHILDREN'S BODILY LEARNING
Suominen, L. et al [Norway]

09:15 OP-SH04-4
STUDY OF THE PE TEACHERS' CONFLICT MANAGEMENT STRATEGIES
Németh, Zs. [Hungary]

09:30 OP-SH04-5
TALENT PRODUCTION IN INTERACTION - USING PERFORMANCE APPRAISAL INTERVIEWS IN TALENT SELECTION CAMPS
Kilger, M. et al [Sweden]

09:45 OP-SH04-6
URBAN LIVING ENVIRONMENTS AND CHILDREN'S PHYSICAL ACTIVITY. RESULTS OF A PILOT STUDY.
Knecht, S. et al [Germany]

**Thursday, June 25th
10:20 - 11:50**

High Live 1 IS-PM12

THE IMPACT OF PHYSICAL ACTIVITY ON CARDIOVASCULAR FUNCTION IN LIFESTYLE RELATED DISEASE *

Chair(s):
Hellsten, Y. [Denmark]

10:20 IS-PM12-1
PHYSICAL ACTIVITY AND CARDIOVASCULAR DISEASE <CVD> IN YOUNG PEOPLE: CAN CVD BE PREVENTED IN HIGH RISK POPULATIONS?
Green, D.J. [Australia]

10:50 IS-PM12-2
THE INFLUENCE OF PHYSICAL ACTIVITY ON VASCULAR FUNCTION IN LIFESTYLE RELATED DISEASE
Hellsten, Y. [Denmark]

11:20 IS-PM12-3
FUNCTIONAL SYMPATHOLYSIS AS A CAUSE OF REDUCED SKELETAL MUSCLE BLOOD FLOW IN CARDIOVASCULAR DISEASE AND THE ROLE OF PHYSICAL ACTIVITY
Mortensen, S. [Denmark]

Kuben IS-PM01

SPORTS NUTRITION EXCHANGE: ADVANCES IN THE APPLICATION OF SCIENCE IN THE SPORTING ENVIRONMENT sponsored by GSSI

Chair(s):
Carter, J. [United Kingdom]
Rollo, I. [United Kingdom]

10:20 IS-PM01-1
NEW LESSONS IN THE REGULATION OF FAT METABOLISM AND IMPLICATIONS FOR ATHLETES.
Kiens, B. [Denmark]

10:50 IS-PM01-2
NOVEL REGULATORY MECHANISMS IN THE REGULATION OF GLUCOSE METABOLISM AND POTENTIAL INNOVATIVE NUTRITION STRATEGIES FOR ATHLETES.
Richter, E.A. [Denmark]

11:20 IS-PM01-3
TRANSLATING SUBSTRATE METABOLISM SCIENCE AND APPLYING IT IN THE ELITE SPORTING ENVIRONMENT
Spriet, L.L. [Canada]

High Live 2 OP-PM07

Carbohydrate and Performance

Chair(s):
Perret, C. [Switzerland]
Murray, A. [United Kingdom]

10:20 [YIA] OP-PM07-1
CARBOHYDRATE DEPENDENCE DURING HALF-MARATHON RUNNING
Leckey, J.J. et al [Australia]

10:35 [YIA] OP-PM07-2
INGESTION OF GLUCOSE OR SUCROSE DURING PROLONGED ENDURANCE TYPE EXERCISE PREVENTS A DECLINE IN LIVER BUT NOT MUSCLE GLYCOGEN CONCENTRATION
Gonzalez, J.T. et al [United Kingdom]

10:50 [YIA] OP-PM07-3
A TWO WEEK LOW GLYCEMIC INDEX DIET AFFECTS METABOLIC PARAMETERS OF SPORT STUDENTS AT REST AND DURING EXERCISE WITHOUT AFFECTING ENDURANCE PERFORMANCE
Oertzen-Hagemann, V. et al [Germany]

11:05 [YIA] OP-PM07-4
CARBOHYDRATE SUPPLEMENTATION DOES NOT IMPROVE A 10 KM SWIM PERFORMANCE
Baldassarre, R. et al [Italy]

11:20 [YIA] OP-PM07-5
THE ACTIVATION OF ADNOSINE RECEPTORS INHIBITED CAFFEINE-AFFECTED EXERCISE PERFORMANCE, THERMOREGULATION AND BRAIN NEUROTRANSMISSION
Zheng, X. et al [Japan]

11:35 [YIA] OP-PM07-6
THE EFFECT OF AN 8-DAY CYCLING TOUR ON PERFORMANCE, HEART RATE AND POMS IN 30 RECREATIONAL CYCLISTS
ten Haaf, T. et al [Netherlands]

High Live 3 OP-PM04

Adaptation and Movement Analysis

Chair(s):
Cortis, C. [Italy]
Eskofier, B. [Germany]
10:20 [YIA] OP-PM04-1
SPRINT INTERVAL TRAINING OF ARMS AND LEGS ELEVATES PEAK VO2 AND IMPROVES ARM EXERCISE ECONOMY
Zinner, C. et al [Germany]

10:35 [YIA] OP-PM04-2
INDIVIDUAL RESPONSES TO A NOVEL EXERCISE INTERVENTION IN OLDER ADULTS WITH MULTIMOR-

BIDITY: A PILOT RANDOMISED CONTROLLED TRIAL
Taylor, K.L. et al [United Kingdom]

10:50 [YIA] OP-PM04-3
DISCRIMINANT MUSCULO-SKELETAL LEG CHARACTERISTICS BETWEEN ELITE CAUCASIAN SPRINT AND ENDURANCE RUNNERS.
Bex, T. et al [Belgium]

11:05 [YIA] OP-PM04-4
THE EFFECT OF HEAVY RESISTANCE TRAINING ON SKELETAL MUSCLE STRENGTH AND FUNCTION IN VERY OLD INDIVIDUALS
Bechshøft, R. et al [Denmark]

11:20 [YIA] OP-PM04-5
STRENGTH TRAINING IMPROVES CYCLING PERFORMANCE THROUGH IMPROVED FRACTIONAL UTILIZATION OF VO2MAX AND CYCLING ECONOMY
Vikmoen, O. et al [Norway]

11:35 [YIA] OP-PM04-6
HIGH-INTENSITY MOVEMENTS IN ELITE TEAM HANDBALL: MATCH ANALYSIS
Luteberget, L. et al [Norway]

High Live 4 IS-BN10

LATERALITY IN LOCOMOTION AND SPORT SPONSORED BY ADIDAS

Chair(s):
Schwameder, H. [Austria]
10:20 IS-BN10-1
FUNDAMENTALS OF LATERALITY
Bryden, P. [Canada]

10:50 IS-BN10-2
INTERLIMB TRANSFER OF LEARNED DYNAMICS
Stein, T. [Germany]

11:20 IS-BN10-3
LATERALITY IN DAILY LIFE, SPORT AND LOCOMOTION ACTIVITIES
Schwameder, H. et al [Austria]

Live 1 IS-BN09

RATE OF FORCE DEVELOPMENT: NEW IDEAS ON MEASUREMENT, MECHANISMS AND TRAINABILITY

Chair(s):
Hodson-Tole, E. [United Kingdom]
10:20 IS-BN09-1
EXPLOSIVE MUSCLE STRENGTH: MEASUREMENT AND FUNCTIONAL RELEVANCE
Folland, J. [United Kingdom]

10:50 IS-BN09-2
NEUROMUSCULAR FACTORS INFLUENCING RATE OF FORCE DEVELOPMENT
Blazevich, A.J. [Australia]

11:20 IS-BN09-3
RATE OF FORCE DEVELOPMENT: ITS RESPONSE TO ACUTE EXERCISE AND CHRONIC PHYSICAL TRAINING
Maffiuletti, N.A. [Switzerland]

Live 2 IS-SH06

SPORT AND PHYSICAL ACTIVITY IN LATER LIFE

Chair(s):
Pfister, G. [Denmark]
10:20 IS-SH06-1
FROM SEDENTARY SENIORS TO ELITE ATHLETES - CHANGING PRACTICES AND IMAGES OF OLDER ADULTS
Pfister, G. [Denmark]

10:50 IS-SH06-2
SPORT AND PHYSICAL ACTIVITY IN LATER LIFE - METHODOLOGICAL AND GERAGOGICAL ISSUES
Diketmüller, R. [Austria]

11:20 IS-SH06-3
PARTICIPATION IN PHYSICAL ACTIVITY AND SPORT AMONG OLDER NORWEGIANS: A LONGITUDINAL STUDY FROM 1985 TO 2013.
Fasting, K. [Norway]

Oral & Invited Presentations

Live 3 IS-SH05

GOOD GOVERNANCE IN SPORTS

Chair(s):

Houlihan, B. [United Kingdom]

10:20 IS-SH05-1
ACTION FOR GOOD GOVERNANCE IN INTERNATIONAL SPORTS ORGANISATIONS

Houlihan, B. [United Kingdom]

10:50 IS-SH05-2
TRANSPARENCY AND ACCOUNTABILITY IN INTERNATIONAL SPORT ORGANIZATIONS

Schenk, S. [Germany]

11:20 IS-SH05-3
GOOD GOVERNANCE FROM A NATIONAL PERSPECTIVE: THE CASE OF SWEDEN

Norberg, J. [Sweden]

Live 4 OP-PM20

Physiology: Muscle metabolism, Interval training

Chair(s):

Boushel, R. [Sweden]

Kalliokoski, K. [Finland]

10:20 OP-PM20-1
MITOCHONDRIAL FUNCTION AND CONTENT ARE INCREASED BY DIFFERENT TYPES OF TRAINING IN HUMAN SKELETAL MUSCLE.

Bishop, D.J. et al [Australia]

10:35 OP-PM20-2
EFFECT OF HIGH INTENSITY TRAINING ON INSULIN SENSITIVITY IN OVERWEIGHT, SEDENTARY ELDERLY SUBJECTS

Søgaard, D. [Denmark]

10:50 OP-PM20-3
BROWN ADIPOSE TISSUE GLUCOSE UPTAKE IS DECREASED BY TWO WEEKS OF EXERCISE TRAINING IN HEALTHY MIDDLE AGED MEN

Motiani, P. et al [Finland]

11:05 OP-PM20-4
THE ASSOCIATION OF SNAP23 WITH THE MITOCHONDRIAL NETWORK IS REDUCED IN SKELETAL MUSCLE OF OBESE SEDENTARY FEMALES

Strauss, J.A. et al [United Kingdom]

11:20 OP-PM20-5
ANABOLIC STEROID DETECTION BY PROTEOMICS IN HUMAN SKELETAL MUSCLE

Malm, C. et al [Sweden]

11:35 OP-PM20-6
EXERCISE TRAINING ACTIVATES NRG1/ERBB PATHWAY IN GASTROCNEMIUS OF OBESE RATS

Chavanelle, V. et al [France]

Live 5 OP-BN02

Motor learning

Chair(s):

Cesari, P. [Italy]

Jaitner, T. [Germany]

10:20 [YIA] OP-BN02-1
MOTOR IMAGERY OF TONIC AND BALLISTIC CONTRACTIONS ACTIVATES DIRECT AND INDIRECT CORTICOSPINAL PATHWAYS DIFFERENTLY BUT IN A SIMILAR WAY THAN REAL TONIC AND BALLISTIC CONTRACTIONS

Keller, M. et al [Switzerland]

10:35 [YIA] OP-BN02-2
IN SITU EXAMINATION OF DECISION MAKING SKILLS AND GAZE BEHAVIOUR OF BASKETBALL PLAYERS

van Maarseveen, M.J.J. et al [Netherlands]

10:50 OP-BN02-3
A COMPARISON OF LOWER EXTREMITIES ANATOMICAL AND FUNCTIONAL ASYMMETRIES IN ELITE AND SUB-ELITE FENCERS.

Kotsasian, A. et al [Sweden]

11:05 OP-BN02-4
SPATIAL ANALYSIS OF HIT DISTRIBUTION IN RECURVE ARCHERY

Ertan, H. et al [Turkey]

11:20 OP-BN02-5
'THE LEFT HAND HAS TO GO BACK A BIT MORE, LIKE THIS': INTERACTION ANALYSES OF COMMUNICATIVE STRATEGIES IN DRESSAGE COACHING

Lundgren, C. et al [Sweden]

11:35 OP-BN02-6
COACHING DRESSAGE RIDERS: A QUALITATIVE INTERVIEW STUDY EXAMINING THE CHANGING PARADIGMS OF EQUESTRIAN TRAINING

Zetterqvist Blokhuis, M. et al [Sweden]

Live 6 OP-PM12

Thermoregulation II

Chair(s):

Levels, K. [Netherlands]

Racinais, S. [Qatar]

10:20 OP-PM12-1
PRACTICAL COOLING STRATEGIES ENHANCE ENDURANCE RUNNING PERFORMANCE AND INCREASE SKELETAL MUSCLE ACTIVATION

Stevens, C. et al [Australia]

10:35 OP-PM12-2
SELF-PACED EXERCISE IS REGULATED BY THE MAINTENANCE OF %VO₂PEAK WITHIN A NARROW RANGE IN HOT AND COOL CONDITIONS

Périard, J.D. et al [Qatar]

10:50 OP-PM12-3
HEAT ACCLIMATION ATTENUATES PHYSIOLOGICAL STRAIN IN ACUTE NORMOBARIC HYPOXIA

Gibson, O.R. et al [United Kingdom]

11:05 OP-PM12-4
THE EFFECT OF USING DIFFERENT REGIONS OF INTEREST ON LOCAL AND MEAN SKIN TEMPERATURE

Bach, A.J.E. et al [Australia]

11:20 OP-PM12-5
HUMAN METABOLIC RESPONSE IN VERY COLD ENVIRONMENT AND ANTARCTICA

Yamauchi, J. et al [Japan]

11:35 OP-PM12-6
COVERT OR OVERT CHEMICAL/BIOLOGICAL PROTECTIVE CLOTHING SYSTEM: A PHYSIOLOGICAL COMPARISON IN EXTREME ENVIRONMENTS

Stewart, I.B. et al [Australia]

Live 7 OP-PM49

Training & Testing: Age & Clinical

Chair(s):

Gerrits, K. [Netherlands]

Holm, L. [Denmark]

10:20 OP-PM49-1
AEROBIC FITNESS, STRENGTH AND RATE OF FORCE DEVELOPMENT IN SIMVASTATIN TREATED SUBJECTS WITH OR WITHOUT MYALGIA.

Morville, T. et al [Denmark]

10:35 OP-PM49-2
ACUTE PHYSIOLOGICAL RESPONSES TO NOVEL HIGH-INTENSITY INTERVAL TRAINING IN OLDER ADULTS

Hurst, C. et al [United Kingdom]

10:50 OP-PM49-3
EMG-THRESHOLD DETECTION COMPARED WITH THE INDIVIDUAL ANAEROBIC LACTATE THRESHOLD

Ertl, P. et al [Austria]

11:05 OP-PM49-4
END CRITERIA FOR REACHING MAXIMAL OXYGEN UPTAKE IN 13 YEAR OLD BOYS AND GIRLS

Hetlelid, K.J. et al [Norway]

11:20 OP-PM49-5
LUMBAR JOINT POSITION SENSE AND LUMBAR RANGE OF MOVEMENT TEST USING ELECTROGONIOMETER: RELIABILITY STUDY WITH ACTIVE STUDENTS AND HIGH LEVEL SWIMMERS

Solana-Tramunt, M. et al [Spain]

11:35 OP-PM49-6
RELIABILITY OF OBJECTIVELY MEASURED SEDENTARY TIME AND PHYSICAL ACTIVITY IN ADULTS

Aadland, E. et al [Norway]

Live 8 OP-BN03

Swimming, Jumping & Squatting, Coordination

Chair(s):

Svensson, I. [Sweden]

Buhre, T. [Sweden]

10:20 OP-BN03-1
PRESSURE DISTRIBUTION ON SWIMMING HANDS WITH FINGER SPREADING

Westerweel, J. [Netherlands]

10:35 OP-BN03-2
THE EFFECTS OF A COMPUTERIZED BIOMECHANICAL ANALYSIS AS A TEACHING STRATEGY ON THE RECOVERY SHOULDER OF THE FRONT CRAWL SWIMMING

Ghafourian, L. et al [Iran]

10:50 OP-BN03-3
UNSTEADY AERODYNAMICS OF A SKI JUMPER DURING THE TAKEOFF MOTION

Yamamoto, K. et al [Japan]

11:05 OP-BN03-4
SKI JUMPING: HOW DO SITTING POSITION AND JUMPING MOVEMENTS AFFECT THE VERTICAL GROUND REACTION FORCE?

Gulbrandsen, Å.M. et al [Norway]

11:20 OP-BN03-5
FUNCTIONAL ONE-LEGGED JUMPING HEIGHT IS DETERMINED BY KNEE JOINT POWER AND SWING LEG HIP POWER IN YOUNG FEMALE HANDBALL PLAYERS

Bencke, J. et al [Denmark]

Live 10 OP-SH15

Physical Education & Pedagogics I

Chair(s):

Knez, K. [Sweden]

Londos, M. [Sweden]

10:20 OP-SH15-1
IN THE CROSSING OF THE FIELDS OF EDUCATION AND SPORT: SOCIAL SELECTION AMONG PUPILS

IN SCHOOL SPORTS
Ferry, M. et al [Sweden]

10:35 OP-SH15-2
HEALTH<Y> EDUCATION IN HPE TEACHER STUDENTS' BACHELOR/MASTER THESIS
Schenker, K. [Sweden]

10:50 OP-SH15-3
SWEDISH PE TEACHERS' GRADING PRACTICE IN A STANDARD BASED GRADING SYSTEM
Svennberg, L. et al [Sweden]

11:05 OP-SH15-4
BRIDGING THE DISCREPANCY? A STUDY OF PETE TEACHER'S PERCEPTIONS OF THE NEW SYLLABUS IN PEH IN SWEDEN.
Ekberg, J. [Sweden]

11:20 OP-SH15-5
CRITICAL THINKING DISPOSITION OF THE STUDENTS STUDYING SPORT SCIENCE AT UNIVERSITY
Sunay, H. [Turkey]

11:35 OP-SH15-6
'WE SHOULD ALSO HAVE A CHANCE TO BE INCLUDED.' DISABILITY, GENDER AND PHYSICAL EDUCATION
Apelmo, E. [Sweden]

**Thursday, June 25th
16:20 - 17:50**

High Live 1 IS-PM09

PERFORMANCE AND TRAINING OF THE TOP-ATHLETE *

Chair(s):
Bangsbo, J. [Denmark]

16:20 IS-PM09-1
THE EFFECT OF INTENSIFIED TRAINING; TRAINING OF THE TOP-CLASS OARSMAN
Christensen, P. [Denmark]

16:50 IS-PM09-2
PERFORMANCE AND TRAINING IN CROSS-COUNTRY SKIING
Holmberg, H.C. [Sweden]

TRAINING OF THE TOP-CLASS FOOTBALL PLAYER
Jones, A. [United Kingdom]

Kuben IS-PM13

SKELETAL MUSCLE LIPOTOXICITY; SHOULD WE BE INTERESTED?

Chair(s):
Gray, S. [United Kingdom]

16:20 IS-PM13-1
SKELETAL MUSCLE LIPOTOXICITY: WHAT IS IT AND WHAT DOES IT DO?
Schrauwen, P. [Netherlands]

16:50 IS-PM13-2
'THE EFFECTS OF EXERCISE TRAINING ON SKELETAL MUSCLE LIPIDS'
Goodpaster, B. [United States]

17:20 IS-PM13-3
EFFECTS OF SKELETAL MUSCLE LIPOTOXICITY ON MUSCLE PROTEIN SYNTHESIS: IMPLICATIONS FOR ATHLETIC AND AGEING POPULATIONS
Guillet, C. [France]

High Live 2 OP-BN16

Coaching: Mixed session II

Chair(s):
Sampaio, J. [Portugal]

Backman, J. [Sweden]

16:20 OP-BN16-1
WHO ARE THE PARENTS? A STUDY OF THE PARENTAL BACKGROUND OF CHILDREN AGE 13-14 INCLUDED IN THE FIRST TALENT PROCESS STEPS IN SOCCER AND ATHLETICS IN SOUTHERN SWEDEN.
Hafsteinsson Östenberg, A. et al [Sweden]

16:35 OP-BN16-2
PREDICTION OF PERFORMANCE IN MONOFIN SWIMMING WITH THE DYNAMOMETER. A PILOT STUDY
Rozi, G. [Greece]

16:50 OP-BN16-3
SPECIALISING OR SAMPLING - CAREERS PATHWAYS IN SWEDISH ELITE SPORTS
Fahlstrom, P.G. et al [Sweden]

17:05 OP-BN16-4
PREDICTING SPECIFIC PERFORMANCE VIA CRITICAL VELOCITY AND MODIFIED-WINGATE TEST IN KAYAK ATHLETES
Lee, T.T. et al [Taiwan]

High Live 3 OP-PM13

Physiology: Endurance

Chair(s):
Millet, G. [Switzerland]
Sandbakk, Ø. [Norway]

16:20 OP-PM13-1
ALMOST PERFECT CORRELATION BETWEEN HEMOGLOBIN MASS, MAXIMAL O₂-UPTAKE AND LEAN BODY MASS IN 13 YEARS OLD BOYS AND GIRLS
Landgraff, H. et al [Norway]

16:35 OP-PM13-2
THE CORRELATION BETWEEN ONE YEAR CHANGE IN MAXIMAL OXYGEN CONSUMPTION, HEMOGLOBIN MASS, MUSCLE MASS AND BODY WEIGHT IN 12-13 YEARS CHILDREN
Riiser, A. et al [Norway]

16:50 OP-PM13-3
MUSCLE RESPONSE TO COMBINED SPEED ENDURANCE AND ENDURANCE EXERCISE
Skovgaard, C. et al [Denmark]

17:05 OP-PM13-4
COGNITIVE ACTIVITY AND CEREBRAL OXYGENATION DURING A 20-KM CYCLING TIME TRIAL
McCarron, J. et al [United Kingdom]

17:20 OP-PM13-5
COMPARISON BETWEEN PERPOT SIMULATED AND LACTATE BASED ANAEROBIC THRESHOLD IN HANBALL PLAYERS
Endler, S. et al [Germany]

17:35 OP-PM13-6
LABORATORY PERFORMANCE PREDICTORS FOR MULTI-STAGE MOUNTAIN BIKE EVENTS
Engelbrecht, L. et al [South Africa]

High Live 4 IS-BN05

PERFORMING WHEN GETTING OLDER: ALTERATIONS AND PLASTICITY OF THE AGEING NEUROMUSCULAR SYSTEM

Chair(s):
Baudry, S. [Belgium]

16:20 IS-BN05-1
BRAIN FUNCTION AND MOTOR PERFORMANCE IN OLDER ADULTS
Swinnen, S. [Belgium]

16:50 IS-BN05-2
AGE-RELATED NEUROMUSCULAR ADAPTATIONS
Baudry, S. [Belgium]

17:20 IS-BN05-3
INFLUENCE OF MUSCLE STRENGTH ON PHYSICAL FUNCTION OF MEN AND WOMEN WITH AGE
Jakobi, J. [Canada]

Live 1 IS-BN07

INTEGRATIVE APPROACH OF MUSCLE FATIGUE IN 2015 - SPONSORED BY THE PHYSIOLOGICAL SOCIETY

Chair(s):
Søgaard, K. [Denmark]

16:20 IS-BN07-1
MUSCLE FATIGUE: THE NEED FOR A TRANSLATIONAL APPROACH
Place, N. [Switzerland]

16:50 IS-BN07-2
MUSCLE FATIGUE: THE CONTRIBUTION OF MOTOR NEURONAL FACTORS
Gandevia, S.C. et al [Australia]

17:20 IS-BN07-3
MUSCLE FATIGUE: THE POTENTIAL CONTRIBUTION OF MUSCULAR FACTORS
Westerblad, H. [Sweden]

Live 2 IS-SH10

URBAN SPORT LANDSCAPES

Chair(s):
Carlsson, B. [Sweden]

16:20 IS-SH10-1
'GLOCAL' URBANISATION - SPORT'S POWER OF POSITION<ING>
Westerbeek, H. [Australia]

16:50 IS-SH10-2
ACTIVATING AND INCLUDING DOGMA ARCHITECTURE IN URBAN SPACE
Kural, R. [Denmark]

17:20 IS-SH10-3
PLANNING FOR ACTIVITY - LINKING PHYSICAL ACTIVITY TRENDS AND URBAN DEVELOPMENT TRENDS
Book, K. [Sweden]

Live 3 IS-SH08

CHILDRENS RIGHTS IN SPORT

Chair(s):
Nilsson, P. [Sweden]

16:20 IS-SH08-1
CHILDREN'S RIGHTS VS. ELITE SPORT DEVELOPMENT
Donnelly, P. [Canada]

16:50 IS-SH08-2
CHILDRENS RIGHTS IN SPORT - A SWEDISH PERSPECTIVE
Redelius, K. [Sweden]

Oral & Invited Presentations

17:20 IS-SH08-3
THE INTERNATIONAL SAFEGUARDS FOR CHILDREN
IN SPORT: BUILDING SAFER ORGANISATIONS BASED
ON THE 'CHILDREN' PILLARS
Rhind, D. [United Kingdom]

Live 4 OP-PM21

Physiology: Respiration

Chair(s):
Jones, A. [United Kingdom]
Murray, A. [United Kingdom]

16:20 OP-PM21-1
BREATH-BY-BREATH GAS EXCHANGE AT ALVEOLAR
LEVEL: AN ALTERNATIVE IDENTIFICATION OF START
AND END-POINTS OF THE RESPIRATORY CYCLE
Francescato, M. et al [Italy]

16:35 OP-PM21-2
THE EXCESS VO₂ AND THE SLOW COMPONENT OF
OXYGEN UPTAKE KINETICS
Oueslati, F. et al [France]

16:50 OP-PM21-3
OVERESTIMATE OF RELATIVE AEROBIC CONTRIBU-
TIONS WITH MAXIMAL ACCUMULATED OXYGEN
DEFICIT IN ADOLESCENT FEMALE KAYAKERS
Li, Y. et al [China]

17:05 OP-PM21-4
ACUTE INSPIRATORY LOADING DOES NOT IMPROVE
2.4 KM TIME-TRIAL PERFORMANCE WITH A 25 KG
THORACIC LOAD
Faghy, M. et al [United Kingdom]

17:20 OP-PM21-5
MODELING INTERMITTENT CYCLING PERFORMANCE
IN HYPOXIA USING THE CRITICAL POWER CONCEPT
Townsend, N. et al [Qatar]

Live 5 OP-BN04

Running

Chair(s):
Wolf, P. [Switzerland]
Blazevich, A. [Australia]

16:20 OP-BN04-1
THE INTERACTION BETWEEN NEUROMUSCULAR
RESPONSES AND INITIAL LOADING RATE IN ELITE
KENYAN RUNNERS
Tam, N. et al [South Africa]

16:35 OP-BN04-2
BIOMECHANICAL 3D FIELD MEASUREMENTS OF
TRAIL RUNNERS
Swarén, M. et al [Sweden]

16:50 OP-BN04-3
INFLUENCE OF SHOE TYPE AND FATIGUE ON RUN-
NING STYLE
Mann, R. et al [Luxembourg]

17:05 OP-BN04-4
RUNNING BAREFOOT INDUCES LOWER VERTICAL
DISPLACEMENT COMPARED TO SHOD CONDITION
Ekizos, A. et al [Germany]

17:20 OP-BN04-5
EFFECTS OF MENTHOL IN STOCKINGS ON SKIN
TEMPERATURE AND THERMAL PERCEPTION DUR-
ING RUNNING
Aparicio, I. et al [Spain]

Live 6 OP-PM40

Training & Testing: Strength I

Chair(s):
Maffiuletti, N. [Switzerland]
Mello, M. [Brazil]

16:20 OP-PM40-1
EFFECTS OF VARIOUS WARM-UP MODELS ON 1 RM
LEG PRESS PERFORMANCE IN COLLEGIATE ROWERS
Akca, F. et al [Turkey]

16:35 OP-PM40-2
DO CLUSTER-TYPE REGIMENS OFFER A SUPERIOR AL-
TERNATIVE TO TRADITIONAL RESISTANCE TRAINING
METHODS WHEN THE GOAL IS MAXIMAL STRENGTH
DEVELOPMENT?
Nicholson, G. et al [United Kingdom]

16:50 OP-PM40-3
NEUROMUSCULAR ADAPTATIONS TO SHORT-TERM
RESISTANCE TRAINING WITH LINEAR AND DAILY
UNDULATING PERIODIZATION IN ADOLESCENT
ELITE JUDOKA
Pelzer, T. et al [Germany]

17:05 OP-PM40-4
EFFECTS OF DIFFERENT SPLIT TRAINING ROUTINES
ON ACUTE NEUROMUSCULAR PERFORMANCE OF
ELBOW FLEXORS IN TRAINED MEN
Ferreira-Junior, J.B. et al [Brazil]

17:20 OP-PM40-5
LOW-INTENSITY RESISTANCE TRAINING WITH SLOW
MOVEMENT AND TONIC FORCE GENERATION
INCREASES MUSCLE SIZE AND STRENGTH BUT
NOT POWER
Maeo, S. et al [Japan]

17:35 OP-PM40-6
ACUTE EFFECTS OF SELF MYOFASCIAL RELEASE
ON SINGLE LEG STABILITY AND VERTICAL JUMP:
A PILOT STUDY
Russo, L. et al [Italy]

Live 7 OP-PM54

Health & Fitness: Lifestyle III

Chair(s):
Ainsworth, B. [United States]
Steding-Ehrenborg, K. [Sweden]

16:20 OP-PM54-1
OPTIMIZED BODY COMPOSITION FOLLOWING
COMBINED ENDURANCE AND STRENGTH TRAINING
ON ALTERNATING DAYS COMPARED TO SAME-
SESSION COMBINED TRAINING IN MEN
Eklund, D. et al [Finland]

16:35 OP-PM54-2
EFFECTS OF HIGH INTENSITY INTERVAL TRAINING
AND STRENGTH TRAINING ON CARDIOVASCULAR
RISK FACTORS IN WOMEN WITH POLYCYSTIC OVARY
SYNDROME: A RANDOMIZED, CONTROLLED TRIAL
Almenning, I. et al [Norway]

16:50 OP-PM54-3
SIX WEEKS OF HIT INCREASES VO₂MAX AND DE-
CREASES VISCERAL FAT CONTENT IN ELDERLY
Dideriksen, S. et al [Denmark]

17:05 OP-PM54-4
REDUCING SITTING TIME THROUGH STRUCTURED
EDUCATION: SUGGESTED INTERVENTION IMPROVE-
MENTS IDENTIFIED BY PARTICIPANTS AND WORK-
SHOP LEADERS IN PROJECT STAND
Biddle, S. [Australia]

17:20 OP-PM54-5
IDENTIFYING THE HEALTH PROMOTION NEEDS OF
WHITE COLLARS TO SUPPORT BY INFORMATION
AND COMMUNICATION TECHNOLOGIES
Kuru, H. et al [Turkey]

Live 8 OP-SH06

Psychology (Self-determination)

Chair(s):
Sörensen, M. [Norway]
Cesari, P. [Italy]

16:20 OP-SH06-1
EXAMINING PATTERNS OF CHANGE IN SELF-
DETERMINED EXERCISE MOTIVATION USING LATENT
GROWTH CURVE MODELS.
Weman-Josefsson, A.K. et al [Sweden]

16:35 OP-SH06-2
EFFECTS OF A SELF-DETERMINATION THEORY-BASED
INTERVENTION AT THE ORGANIZATIONAL LEVEL IN
SWEDISH SPORT CLUBS
Stenling, A. et al [Sweden]

16:50 OP-SH06-3
SELF-DETERMINATION IN EXERCISE INTERVENTIONS:
IMPACT ON FITNESS AND BODY COMPOSITION
Thøgersen-Ntoumani, C. et al [Australia]

17:05 OP-SH06-4
POTENTIAL UTILITY OF MESSAGE-FRAMING IN
ENHANCING SPORT PERFORMANCE
Chew, W.C.E. et al [Singapore]

Live 10 OP-SH22

Sociology (Sport Science in ECSS)

Chair(s):
Peterson, T. [Sweden]
Norberg, J. [Sweden]

16:20 OP-SH22-1
SPORT SCIENCE IN EUROPE: AN OVERVIEW OF ITS
CURRENT SITUATION AND ITS EVOLUTION SINCE
TWENTY YEARS
Camy, J. [France]

16:35 OP-SH22-2
THE ACADEMISATION OF SPORT IN SWEDEN
Wirén Aakesson, J. [Sweden]

16:50 OP-SH22-3
CONTENT LEXICAL ANALYSIS ON INTERDISCIPLINAR-
ITY IN SPORT SCIENCES
Fargier, P. et al [France]

Thursday, June 25th

18:00 - 19:30

High Live 1 OP-PM64

Nutrition: Amino acids and proteins

- Chair(s):
Raastad, T. [Norway]
Vikman, J. [Sweden]
- 18:00 OP-PM64-1
TWENTY-FOUR WEEKS OF SS-ALANINE SUPPLEMENTATION DOES NOT AFFECT CLINICAL MARKERS OF HEALTH: PRELIMINARY FINDINGS
Saunders, B. et al [Brazil]
- 18:15 OP-PM64-2
AMELIORATING EFFECT OF BRANCHED-CHAIN AMINO ACIDS SUPPLEMENTATION ON MARATHON-INDUCED MUSCLE DAMAGE, INFLAMMATION AND MUSCLE SORENESS
Ishikura, K. et al [Japan]
- 18:30 OP-PM64-3
METABOLIC CONSEQUENCES OF L-ALANINE SUPPLEMENTATION DURING SUPRAMAXIMAL CYCLING AND 4000-M TIME TRIAL PERFORMANCE IN HIGHLY-TRAINED CYCLISTS
Bellinger, P. et al [Australia]
- 18:45 OP-PM64-4
DIETARY PROTEIN INTAKE AND DISTRIBUTION OF ELITE AUSTRALIAN TEAM-BASED SPORT ATHLETES
Devlin, B. et al [Australia]
- 19:00 OP-PM64-5
EFFECT OF WHEY PROTEIN HYDROLYSATE ON ADAPTATION TO ENDURANCE TRAINING IN WELL-TRAINED RUNNERS
Hansen, M. et al [Denmark]

Kuben OP-PM30

- Sports Medicine & Orthopedics: Physiotherapy I**
Chair(s):
Crossley, K. [Australia]
Gil, S. [Spain]
- 18:00 OP-PM30-1
EFFECTIVENESS OF EXERCISE THERAPY IN TREATMENT OF PATIENTS WITH PATELLOFEMORAL PAIN SYNDROME: A SYSTEMATIC REVIEW AND META-ANALYSIS
Clijisen, R. et al [Switzerland]
- 18:15 OP-PM30-2
EFFECTS OF BRANCHED-CHAIN AMINO ACIDS SUPPLEMENTATION ON CHANGES IN KNEE EXTENSOR MUSCLES FUNCTION AND ENERGETIC METABOLISM RESULTING FROM EXERCISE-INDUCED MUSCLE DAMAGE
Fouré, A. et al [France]
- 18:30 OP-PM30-3
TRAINING AND DE-TRAINING EFFECTS OF SIX-MONTH FOLLOW-UP OF A 3-MONTH RESISTANCE EXERCISE PROGRAM IN THE MILD DEMENTED ELDERLY
Lin, P. [Taiwan]
- 18:45 OP-PM30-4
ECCENTRIC-OVERLOAD RESISTANCE EXERCISE USING FLYWHEEL IMPROVES COGNITIVE FUNCTION AND INCREASES MUSCLE SIZE, POWER AND PERFORMANCE IN STROKE VICTIMS
Fernandez-Gonzalo, R. et al [Sweden]
- 19:00 OP-PM30-5
INCREASED EXERCISE INTENSITY DURING INTERVAL ROBOT-ASSISTED GAIT THERAPY IN SPINAL CORD INJURED PERSONS
Gerrits, K. et al [Netherlands]
- 19:15 OP-PM30-6
THE IMPACT OF SIMVASTATIN ON INSULIN SENSITIVITY IN PATIENTS WITH AND WITHOUT MYALGIA
Torp, M. et al [Denmark]

High Live 2 OP-PM10

- Physiology: Age II**
Chair(s):
Evans, W. [United States]
Mackey, A. [Denmark]
- 18:00 OP-PM10-1
EFFECT OF HIGH INTENSITY TRAINING AND ISOINERTIAL TRAINING ON INTERMUSCULAR ADIPOSE TISSUE IN OLDER ADULTS.
Bruseghini, P. et al [Italy]
- 18:15 OP-PM10-2
BLOCKING ANGIOTENSIN II TO IMPROVE THE ACUTE MUSCLE RESPONSE TO EXERCISE IN ELDERLY MEN
Heisterberg, M.F. et al [Denmark]
- 18:30 OP-PM10-3
MATTERS OF FIBRE SIZE AND MYONUCLEAR DOMAIN; DOES SIZE MATTER MORE THAN AGE?
Karlsen, A. et al [Denmark]
- 18:45 OP-PM10-4
NO RESISTANCE EXERCISE INDUCED MUSCLE PROTEIN SYNTHESIS RESPONSE IN ELDERLY MEN AS COMPARED TO YOUNG
Reitelseder, S. et al [Denmark]
- 19:00 OP-PM10-5
EFFECTS OF EXERCISE ON HAEMATOLOGICAL CHANGES OF ELDERLY PERSONS
Uba Chupel, M. et al [Portugal]
- 19:15 OP-PM10-6
ANABOLIC EFFECTS OF LIGHT LOAD RESISTANCE EXERCISE AND DISTRIBUTION OF PROTEIN INTAKE IN ELDERLY – WITH EMPHASIS ON MUSCLE PROTEIN SYNTHESIS REGULATION AND AMINO ACID TRANSPORTERS
Agergaard, J. et al [Denmark]

High Live 3 OP-PM14

- Physiology: Interval training**
Chair(s):
Kalliokoski, K. [Finland]
Mello, M. [Brazil]
- 18:15 OP-PM14-1
HIGH-INTENSITY EXERCISE, LACTATE SHUTTLE THEORY AND TUMOUR METABOLISM – A THEORETICAL APPROACH
Hofmann, P. [Austria]
- 18:30 OP-PM14-2
HIGH INTENSITY INTERVAL TRAINING ATTENUATES INSULIN RESISTANCE INDUCED BY SLEEP DEPRIVATION
Souza, J. et al [Brazil]
- 18:45 OP-PM14-3
EFFECTS OF AGE AND SEX ON THE MECHANICAL CHARACTERISTICS OF THE KNEE JOINT EXTENSORS
Wu, R. et al [Ireland]
- 19:00 OP-PM14-4
EXERCISE INDUCED BRONCHOCONSTRICTION IN CHILDREN WITHOUT ASTHMA
Westergren, T. et al [Norway]
- 19:15 OP-PM14-5
EXERCISE EFFICIENCY IS INCREASED WITH AGE BUT NEITHER DETERMINED BY FIBRE-TYPE DISTRIBUTION, MITOCHONDRIAL FUNCTION NOR CITRATE SYNTHASE ACTIVITY
Gehrig, S.M. et al [Switzerland]

High Live 4 OP-PM68

- Adapted Physical Activity: Physical disabilities**
Chair(s):
Apelmo, E. [Sweden]
Lexell, J. [Sweden]
- 18:00 OP-PM68-1
SPORT PARTICIPATION OF DISABLED CHILDREN IN KOSOVO
Begaj, E. [Kosovo]
- 18:15 OP-PM68-2
THE PROGRESSION OF SPRINT PERFORMANCES IN BLADE RUNNERS
Terblanche, E. et al [South Africa]
- 18:30 OP-PM68-3
ELITE ICE SLEDGE HOCKEY PLAYERS DO NOT DIFFER FROM ABLE-BODIED CROSS-COUNTRY SKIERS IN EXERCISE EFFICIENCY
Baumgart, J.K. et al [Norway]
- 18:45 OP-PM68-4
HOW CAN SPORT CLUBS FOR NON-DISABLED YOUTH INCLUDE CHILDREN AND ADOLESCENT WITH DISABILITIES?
Jarlinder, K. et al [Sweden]
- Live 1 OP-PM56**
Health & Fitness: Endurance
Chair(s):
Pedersen, M. [Denmark]
Boreham, C. [Ireland]
- 18:00 OP-PM56-1
POSTURAL CONTROL AFTER ENDURANCE EXERCISES AT DISTINCT INTENSITIES
Fischer, H. et al [Germany]
- 18:15 OP-PM56-2
OXIDATIVE STRESS AND RUNNING ECONOMY
Santos, J.M.B. et al [Brazil]

Oral & Invited Presentations

18:30 OP-PM56-3
ACUTE PHYSIOLOGICAL DIFFERENCES BETWEEN CYCLING AND RUNNING AT MATCHED OXYGEN UPTAKES
Abrantes, C. et al [Portugal]

18:45 OP-PM56-4
THE ASSOCIATION BETWEEN DAILY STEPS AND HEALTH: A PEDOMETER-BASED, CROSS-SECTIONAL STUDY IN AN EMPLOYED SOUTH AFRICAN POPULATION
Pillay, J.D. [South Africa]

19:00 OP-PM56-5
ICYCLE MESSENGERS: ANTHROPOMETRIC CHARACTERISTIC AND PERFORMANCE
Casonato, S. et al [Italy]

Live 2 OP-SH23

Sociology/Sport management

Chair(s):
Schenk, S. [Germany]
Diketmüller, R. [Austria]

18:00 OP-SH23-1
HUMAN RESOURCES IN GERMAN SPORTS ORGANIZATIONS: STRUCTURES, SYSTEMS, DEVELOPMENTS
Werkmann, M. [Germany]

18:15 OP-SH23-2
MONITORING AND EVALUATION AS STRATEGIC TOOL FOR PRAGRAMME EFFECTIVENESS
Hollander, W. [South Africa]

18:30 OP-SH23-3
PUBLIC VIEWING EVENT VISITORS AND THEIR CONTRIBUTION TO ECONOMIC AND TOURISM IMPACT – EVIDENCE FROM BERLIN DURING THE WORLD CUP 2014 IN BRAZIL
Mielke, G. [Germany]

18:45 OP-SH23-4
THE ONLINE MARKETING TOOLS USED BY HUNGARIAN FIRST DIVISION FOOTBALL CLUBS
Kajos, A. et al [Hungary]

19:00 OP-SH23-5
EFFECTIVENESS OF PROFESSIONAL HANDBALL CLUBS
Baráth, K. et al [Hungary]

OP-SH23-6
DIFFERENCES BETWEEN BALL POSSESSION ON WHEELCHAIR-ATHLETE ACTIVITIES IN RELATION TO FIELD POSITION IN WHEELCHAIR BASKETBALL
de Witte, A. et al [Netherlands]

Live 3 OP-SH16

Physical Education & Pedagogics II

Chair(s):
Larsson, H. [Sweden]
Londos, M. [Sweden]

18:00 OP-SH16-1
HUMAN PRACTISING IN PHYSICAL EDUCATION
Larsson, H. [Sweden]

18:15 OP-SH16-2
INCLUSION WITHIN SWEDISH PHYSICAL EDUCATION? PROBLEMATIZING THE TEXT SURROUNDING PHYSICAL EDUCATION AND THE EXPERIENCES OF IMMIGRANT YOUTH
Knez, K. et al [Sweden]

18:30 OP-SH16-3
DEVELOPMENT OF QUALITY PHYSICAL EDUCATION IN ASIAN SCHOOL – PERCEPTION AND ACHIEVEMENT
Ho, W. [Macau]

18:45 OP-SH16-4
STUDENTS' MOTIVATION TOWARDS PHYSICAL EDUCATION: INDIVIDUAL, CLASS-LEVEL AND TEACHER-LEVEL FACTORS
Speleers, L. et al [Belgium]

19:00 OP-SH16-5
INCLUSIVE PHYSICAL EDUCATION, WITH A FOCUS ON AUTONOMY, COMPETENCE AND RELATEDNESS
Rostboell, S. et al [Denmark]

19:15 OP-SH16-6
FORMATION PROCESS OF STUDENTS' PERCEPTIONS OF PHYSICAL EDUCATION
Nakazawa, K. et al [Japan]

Live 4 OP-PM22

Physiology: Vascular biology

Chair(s):
Green, D. [United Kingdom]
Wollmer, P. [Sweden]

18:00 OP-PM22-1
IMPROVED CAPILLARY ULTRASTRUCTURE AFTER EXERCISE TRAINING IN PATIENTS WITH ESSENTIAL HYPERTENSION
Gliemann, L. et al [Denmark]

18:15 OP-PM22-2
RESPONSES TO AN ISOMETRIC LEG-EXERCISE TEST PREDICTS SEX-SPECIFIC TRAINING-INDUCED REDUCTIONS IN RESTING BLOOD PRESSURE AFTER ISOMETRIC LEG TRAINING
Baross, A. et al [United Kingdom]

18:30 OP-PM22-3
THE MECHANISM OF EXERCISE LIMITATION IN ILIOFEMORAL VEIN OBSTRUCTION POST-DVT
Reuveny, R. et al [Israel]

18:45 OP-PM22-4
BREAKING UP PROLONGED SITTING TIME WITH LIGHT INTENSITY PHYSICAL ACTIVITY BREAKS DOES NOT IMPACT BRACHIAL ARTERY ENDOTHELIAL FUNCTION
Hopkins, N. et al [United Kingdom]

19:00 OP-PM22-5
EFFECT OF INFLAMMATION AND VITAMIN D ON HANDGRIP STRENGTH IN NON-INSTITUTIONALIZED OLDER ADULTS.
Camões, M. [Portugal]

Live 6 OP-PM41

Training & Testing: Strength II

Chair(s):
Andersen, J. [Denmark]
Folland, J. [United Kingdom]

18:00 OP-PM41-1
EFFECTS OF BODY POSITION ON FORCE EXERTED DURING SUSPENSION TRAINING
Cortis, C. et al [Italy]

18:15 OP-PM41-2
IS THE MUSCLE LAB FORCE-VELOCITY LINEAR ENCODER ABLE TO DETECT DIURNAL VARIATION IN MUSCLE FORCE OUTPUT?
Robertson, C. et al [United Kingdom]

18:30 OP-PM41-3
COLD WATER IMMERSION ATTENUATES PERFORMANCE INCREASES AND PROMOTES FAT LOSS FOLLOWING RESISTANCE TRAINING
Petersen, A. et al [Australia]

18:45 OP-PM41-4
HEAVY "HYPERTROPHIC" RESISTANCE TRAINING DOES NOT INDUCE IMPROVEMENTS IN RAPID FORCE PRODUCTION IN HEALTHY OLDER MEN
Walker, S. [Finland]

19:00 OP-PM41-5
COMBINED PLYOMETRIC AND STRENGTH TRAINING IS SUPERIOR TO ONLY STRENGTH TRAINING ON ON-ICE SPRINT PERFORMANCE, IN NORWEGIAN U18 AND U20 ICE HOCKEY PLAYERS.
Dæhlin, T.E. et al [Norway]

19:15 OP-PM41-6
EFFECTS OF RESISTANCE TRAINING WITH NONLINEAR PERIODIZATION ON CYTOKINES AND INSULIN RESISTANCE IN MEN WHO ARE MIDDLE-AGED AND OBESE
Nikseresht, M. [Iran]

Live 7 OP-PM24

Physiology: Hormonal biology & Gender

Chair(s):
Murray, A. [United Kingdom]
Hoier, B. [Denmark]

18:00 OP-PM24-1
RESPONSES OF CARDIAC AUTONOMIC NERVOUS ACTIVITY, STRESS HORMONES AND PROFILE OF MOOD STATE ON DIFFERENT TRAINING PERIODS OF ELITE CROSS-COUNTRY SKIERS
Schäfer, D. et al [Switzerland]

18:15 OP-PM24-2
THE EFFECTS OF MENSTRUAL CYCLE PHASE ON THE INCIDENCE OF PLATEAU AT VO2MAX
Gordon, D. et al [United Kingdom]

18:30 OP-PM24-3
COMPARISON BETWEEN MUSCLE ACTIVITY AND BLADDER MOVEMENT DURING VAGINAL PRESSURE CHANGE IN PAROUS WOMEN
Kim, H. [Korea, South]

18:45 OP-PM24-4
GUIDELINES TO CLASSIFY FEMALE SUBJECT GROUPS IN SPORT SCIENCE RESEARCH
Decroix, L. et al [Belgium]

19:00 OP-PM24-5
SERUM ZINC IS ASSOCIATED WITH PLASMA LEPTIN AND CU-ZN SOD IN ELITE MALE BASKETBALL ATHLETES
Zhao, J. et al [China]

19:15 OP-PM24-6
LONGITUDINAL ANALYSIS OF RENAL FUNCTION IN KIDNEY TRANSPLANTED SPORTSMEN
Totti, V. et al [Italy]

Live 8 **OP-BN11**

Skill acquisition

- Chair(s):
 Geertsen, S. [Denmark]
 Cesari, P. [Italy]
 18:00 OP-BN11-1
 DEVELOPMENT OF A NOVEL SKILL ADAPTABILITY TEST FOR TALENT IDENTIFICATION IN TENNIS
 Potter, A. et al [Australia]
 18:15 OP-BN11-2
 INTERMANUAL TRANSFER MECHANISMS OF FORCE FIELD ADAPTATION
 Stockinger, C. et al [Germany]
 18:30 OP-BN11-3
 MOTOR MEMORY CONSOLIDATION LEADS TO ENHANCED GAMMA BAND POWER IN THE EEG
 Thürer, B. et al [Germany]
 18:45 OP-BN11-4
 EFFECTS OF DIFFERENTIAL LEARNING, HIGH, AND INCREASING CONTEXTUAL INTERFERENCE ON ACQUISITION AND LEARNING OF A BASKETBALL TASK
 Beckmann, H. et al [Germany]
 19:00 OP-BN11-5
 MENTAL FATIGUE ALTERS THE DURATION OF GOAL-DIRECTED MOVEMENTS
 Rozand, V. et al [France]

Live 10 **OP-SH12**

Sports History

- Chair(s):
 Norberg, J. [Sweden]
 Andersson, T. [Sweden]
 18:00 OP-SH12-1
 FROM PUBLIC HEALTH TO "HEALTHISM"? NEW FEMININITIES AND MASCULINITIES IN HEALTH AND FITNESS FROM 1970
 Tolvhed, H. [Sweden]

18:15 OP-SH12-2
 'WE CAN WRITE NEW HISTORY HERE'. PERFORMING HISTORY IN THE FOOTBALL ENVIRONMENT
 Herd, K. [Sweden]

18:30 OP-SH12-3
 A REPERTOIRE OF POSSIBILITIES: VISUALIZED MASCULINITIES IN A SWEDISH SPORTS CLUB 1908-89
 Alsarve, D. [Sweden]

18:45 OP-SH12-4
 A PLACE IN THE SUN OR STANDING IN THE SHADOWS OF A GLORIOUS PAST? IDENTITY FORMATION AND FOOTBALL FAN CULTURE IN EAST-GERMANY.
 Glaser, J. [Sweden]

19:00 OP-SH12-5
 THE DIFFICULTY OF HITTING TWO BIRDS WITH ONE STONE – FOSTERING COMPETITIVE ATHLETES AND DEMOCRATIC CITIZENS IN A SWEDISH SPORTS CLUB BETWEEN THE 1960S AND 1980S
 Svensson, R. et al [Sweden]

19:15 OP-SH12-6
 EARLY SCIENTIFIC INVESTIGATIONS IN YOGA: THE MILES-BEHANAN COLLABORATION
 Mookerjee, S. et al [United States]

Friday, June 26th
08:30 - 10:00

High Live 1 **OP-PM65**

Nutrition: Hydration

- Chair(s):
 Cotter, J. [New Zealand]
 Carter, J. [United Kingdom]
 08:30 OP-PM65-1
 THE EFFECT OF DEHYDRATION ON SIMULATED MOTOR RACING PERFORMANCE.
 Mollica, J.A. et al [Australia]

08:45 OP-PM65-2
 PRE-HYDRATATION STATUS, FLUID AND ELECTROLYTE BALANCE IN ELITE SOCCER PLAYERS TO DIFFERENT TRAINING SESSIONS
 Boone, J. et al [Belgium]

09:00 OP-PM65-3
 ALCOHOL CONSUMPTION DURING THE POST-EXERCISE PERIOD: EFFECTS ON BLOOD RHEOLOGY.
 Simmonds, M. et al [Australia]

09:15 OP-PM65-4
 IMMUNE RESPONSES AND DIETARY INTAKE OF ELITE RUGBY UNION PLAYERS DURING PRE-SEASON TRAINING
 Tester, E. et al [United Kingdom]

Kuben **OP-PM31**

Sports Medicine & Orthopedics: Physiotherapy II

- Chair(s):
 Crossley, K. [Australia]
 Ageberg, E. [Sweden]
 08:30 OP-PM31-1
 TRAINING IN A MINIMALIST SHOE INCREASES ANKLE JOINT LOADING AND 5KM RUNNING PERFORMANCE
 Fuller, J. et al [Australia]
 08:45 OP-PM31-2
 COMPARISON OF HAMSTRINGS/QUADRICEPS CONVENTIONAL RATIO IN HIGH SCHOOL STUDENTS FROM 12-16 YEARS
 Fagnani, P.L. et al [Spain]

09:15 OP-PM31-4
 EMG ACTIVITY OF THE UPPER TRAPEZIUS, LOWER TRAPEZIUS AND SERRATUS ANTERIOR IN ASYMPTOMATIC COLLEGE BASEBALL PLAYERS AND ONE CASE IN A PITCHER WITH SCAPULAR DYSKINESIS
 Tsuruike, M. et al [United States]

09:30 OP-PM31-5
 UPPER AND LOWER EXTREMITY EXPLOSIVE POWER AND MOVEMENT QUALITY IN MALE AND FEMALE

YOUTH TEAM HANDBALL PLAYERS
 Jess, L. et al [Sweden]

09:45 OP-PM31-6
 EFFECT OF WEIGHT-BEARING EXERCISE ON FOREARM BONE SITES OF HANDBALL AND SOCCER FEMALE PLAYERS
 Boshnjaku, A. et al [Kosovo]

High Live 2 **OP-PM27**

Sports Medicine & Orthopedics: Orthopedics I

- Chair(s):
 Gil, S. [Spain]
 Collins, M. [South Africa]
 08:30 OP-PM27-1
 NO INTEREST FOR A SECOND CLOSELY-TIMED INFILTRATION OF PLATELET-RICH PLASMA TO TREAT JUMPER'S KNEES
 Kaux, J.F. et al [Belgium]
 08:45 OP-PM27-2
 ACUTE AND OVERUSE INJURIES IN SWISS ORIENTEERING ATHLETES
 Roos, L. et al [Switzerland]
 09:00 OP-PM27-3
 ALTERED LUMBO-PELVIC CONTROL IN INDIVIDUALS WITH PATELLOFEMORAL PAIN SYNDROME
 Cowan, S. et al [Australia]

09:15 OP-PM27-4
 ONE WEEK OF HOSPITAL ADMISSION FOLLOWING ELECTIVE HIP SURGERY INDUCES SUBSTANTIAL MUSCLE ATROPHY IN OLDER PATIENTS
 Kouw, I.W.K. et al [Netherlands]

09:30 OP-PM27-5
 EFFECTS OF ANKLE SUPPORT ON THE GROUND REACTION FORCE DURING THE REPEATED SIDE STEP
 Koyama, K. et al [Japan]

09:45 OP-PM27-6
 LOW BACK AND NECK & SHOULDER PAIN IN ADOLESCENT SPORTS CLUB PARTICIPANTS AND NON-

PARTICIPANTS. THE NATIONAL HEALTH PROMOTING SPORTS CLUB <HPSC> STUDY.
 Rossi, M. et al [Finland]

High Live 3 **OP-PM15**

Physiology: Hypoxia

- Chair(s):
 Nordsborg, N. [Denmark]
 Dehnert, C. [Switzerland]
 08:30 OP-PM15-1
 EFFECTS OF ALTITUDE ACCLIMATIZATION ON SPLEEN VOLUME AND CONTRACTION DURING SUBMAXIMAL AND MAXIMAL WORK IN LOWLANDERS
 Rodríguez-Zamora, L. et al [Sweden]
 08:45 OP-PM15-2
 SIMILAR INCREASE IN HEMOGLOBIN MASS WITH "LIVE HIGH TRAIN LOW" IN NORMOBARIC AND HYPOBARIC HYPOXIA
 Hauser, A. et al [Switzerland]
 09:00 OP-PM15-3
 LUNG FLUID BALANCE IN HEALTHY HUMANS ACCLIMATING TO HIGH-ALTITUDE
 Taylor, B. et al [United Kingdom]
 09:15 OP-PM15-4
 THE EFFECT OF LIVE HIGH TRAIN LOW ALTITUDE EXPOSURE ON THE POST-EXERCISE HEPICIDIN RESPONSE
 Govus, A.D. et al [Australia]

Oral & Invited Presentations

High Live 4

OP-PM69

Adapted Physical Activity: Mental disabilities

Chair(s):

Apelmo, E. [Sweden]

Wollmer, P. [Sweden]

08:30 OP-PM69-1
SUICIDE PREVENTION THROUGH SPORTS PARTICIPATION. QUANTITATIVE RESEARCH OVERVIEW
Van Coppenolle, H. et al [Belgium]

08:45 OP-PM69-2
A THEMATIC ANALYSIS OF HIGH PERFORMANCE COACHING ROLES AT THE SPECIAL OLYMPICS WORLD GAMES
Hassan, D. et al [United Kingdom]

09:00 OP-PM69-3
MIDDLE SCHOOL STUDENTS' ACCEPTANCE ATTITUDE TOWARD THEIR MENTALLY RETARDED PEERS AFTER COOPERATIVE LEARNING AT AN INCLUSIVE PHYSICAL EDUCATION CLASS
Liu, S. [Taiwan]

Live 1

OP-PM74

Molecular Biology and Biochemistry: Fatigue

Chair(s):

Place, N. [Switzerland]

Zijdewind, I. [Netherlands]

08:30 OP-PM74-1
CORTICAL EXCITABILITY, VOLUNTARY ACTIVATION, AND QUADRICEPS STRENGTH CHANGES AFTER MAXIMAL INTENSITY PLYOMETRIC EXERCISE
Vácz, M. et al [Hungary]

08:45 OP-PM74-2
TWO MAXIMAL ISOMETRIC CONTRACTIONS REDUCE MUSCLE DAMAGE AFTER 30 MAXIMAL ECCENTRIC CONTRACTIONS OF CONTRALATERAL ARM
Nosaka, K. et al [Australia]

09:00 OP-PM74-3
EFFECT OF NEUROMUSCULAR ELECTRICAL STIMULATION FREQUENCY ON VOLUNTARY NEURAL DRIVE
Grospretre, S. et al [France]

09:30 OP-PM74-4
INTERMITTENT THETA BURST OVER M1 CAN IMPROVE THE PEAK POWER IN A WINGATE TEST AND SUPPRESS THE SUBSEQUENT SUPRASPINAL FATIGUE
Giboin, L. et al [Germany]

09:45 OP-PM74-5
HETEROGENEOUS MUSCLE ACTIVITY DURING ISOMETRIC CONTRACTION – A VE-PC MRI STUDY
Csapo, R. et al [Austria]

Live 2

OP-SH13

Sociology/Psychology (Talent identification)

Chair(s):

Henrik, G. [Sweden]

Peterson, T. [Sweden]

08:30 OP-SH13-1
IDENTIFYING TALENT: THE CASE OF THE SWEDISH FOOTBALL ASSOCIATION
Lund, S. et al [Sweden]

08:45 OP-SH13-2
TALENT SELECTION IN SWEDISH YOUTH FOOTBALL: THE RELATIVE AGE EFFECT AND PARENTAL SUPPORT
Renström, A. et al [Sweden]

09:00 OP-SH13-3
PARTICIPATION IN NON-ELITE SPORT IN EARLY ADULTHOOD: THE IMPACT OF ATHLETIC ABILITY IN CHILDHOOD AND ADOLESCENCE
Söderström, T. et al [Sweden]

09:15 OP-SH13-4
A SOCIAL LEARNING PERSPECTIVE ON SUCCESSFUL TALENT DEVELOPMENT ENVIRONMENTS: A QUALITATIVE STUDY OF TWO EXCEPTIONAL HANDBALL CLUBS IN SCANDINAVIA
Storm, L.K. et al [Denmark]

09:30 OP-SH13-5
PARENTAL CREATED MOTIVATIONAL CLIMATE AND WELL-BEING AMONG YOUTH ELITE ATHLETES
Holmstrom, S. et al [Sweden]

09:45 OP-SH13-6
SWEDISH JUNIOR ATHLETES' PERSONAL PROFILES IN RELATION TO THE DYNAMICS OF ADJUSTMENT IN THE JUNIOR-TO-SENIOR TRANSITION
Franck, A. et al [Sweden]

Live 3

OP-SH14

Sociology: Sport media

Chair(s):

Besnier, N. [Netherlands]

Knez, K. [Sweden]

08:30 OP-SH14-1
GREENING JOURNALISM EDUCATION
Krovel, R. [Norway]

08:45 OP-SH14-2
ATTITUDES TO ENVIRONMENTAL SUSTAINABILITY OF FOOTBALL FANS IN ENGLAND: A CASE STUDY
Kiernan, A. [United Kingdom]

09:00 OP-SH14-3
WHERE THE GRASS IS ALWAYS GREENER: FOOTBALL FANS TALKING ‑ AND NOT TALKING ‑ ABOUT ENVIRONMENTAL ISSUES
Sandvoss, C. [United Kingdom]

09:15 OP-SH14-4
FLATSCREENING FOOTBALL: ECOLOGICAL PERSPECTIVES ON ELECTRONIC SPECTATORSHIP
Vestberg, N.L. et al [Norway]

09:30 OP-SH14-5
MEDIA COVERAGE OF THE OLYMPIC GAMES – LONDON 2012 IN BRAZIL: A COMPARISON BETWEEN SOCCER AND AND THE MAIN BRAZILIAN OLYMPIC SPORTS
Rocco Jr, A. [Brazil]

OP-SH14-6
THE FANS CAN: A SWEDISH CASE STUDY
Radmann, A. et al [Sweden]

Live 4

OP-PM37

Training & Testing: Endurance I

Chair(s):

Kalliokoski, K. [Finland]

Fritzdorf, S. [Sweden]

08:30 OP-PM37-1
EFFECT OF SOCIO-GEOGRAPHICAL VARIABLES ON SEASONAL PERIODISATION OF TRAINING LOAD IN AUSTRALIAN AND EUROPEAN PROFESSIONAL CYCLISTS
Menaspá, P. et al [Australia]

08:45 OP-PM37-2
CADENCES EFFECT ON ENERGY EFFICIENCY DURING SUBMAXIMAL INTENSITY IN ERGOMETER KAYAKING
Pedersen, A. et al [Denmark]

09:00 OP-PM37-3
CHRONIC EFFECTS OF SUPERIMPOSED ELECTROMYOSTIMULATION DURING CYCLING ON AEROBIC AND ANAEROBIC CAPACITY
Mathes, S. et al [Germany]

09:15 OP-PM37-4
NORDIC WALKING AND TIRE-PULLING – CONCURRENT AEROBIC AND ENDURANCE STRENGTH TRAINING? A RANDOMISED CONTROLLED STUDY
Mamen, A. et al [Norway]

09:30 OP-PM37-5
A COMPARISON OF TRAINING LOAD GUIDED VS. CONVENTIONAL ENDURANCE TRAINING IN RECREATIONAL ENDURANCE RUNNERS
Schumann, M. et al [Finland]

Live 5

OP-BN05

Kinematics

Chair(s):

Seifert, L. [France]

Schwameder, H. [Austria]

08:30 OP-BN05-1
DOES HEAT STRESS MODIFY THE BIOMECHANICAL MANIFESTATION OF FATIGUE DURING REPEATED RUNNING SPRINTS?
Girard, O. et al [Switzerland]

08:45 OP-BN05-2
BIOMECHANICAL ANALYSIS OF ELITE SPRINT KAYAKER USING FIXED AND SWIVEL SEAT: A PILOT STUDY
Lok, Y.L. et al [Australia]

09:00 OP-BN05-3
VALIDATION OF MEASURING ROWERS' CENTRE OF MASS ACCELERATION IN ROWING DIRECTION WITH INERTIAL SENSORS
Lintmeijer, L.L. et al [Netherlands]

09:15 OP-BN05-4
QUANTITATIVE COMPARISON OF ROWING BIOMECHANICS CAPTURED ON WATER AND ON A DYNAMIC ERGOMETER
Harfield, P. et al [United Kingdom]

09:30 OP-BN05-5
DETECTING FATIGUE IN RESISTANCE TRAINING USING ACCELEROMETRY AND PCA
Brown, N. et al [Germany]

Live 8

OP-BN08

Balance & Stability, Coordination

Chair(s):

Pedersen, M. [Denmark]

Thomas, R. [Denmark]

08:30 OP-BN08-1
PREDICTING THE ROLE OF KNEE JOINT MUSCLES IN JOINT STABILIZATION FROM EXTERNAL MOMENTS
Flaxman, T.E. et al [Canada]

08:45 OP-BN08-2
SQUAT VARIATION FOR PREFERENTIAL UNILATERAL QUADRICEPS LOADING
Jean, L.M.Y. et al [Canada]

09:00 OP-BN08-3
UNSTABLE FOOTWEAR DECREASES COMPLEXITY OF POSTURAL CONTROL
Buchecker, M. et al [Austria]

09:15 OP-BN08-4
STATIC POSTURAL CONTROL DOES NOT STRONGLY PREDICT DYNAMIC GAIT STABILITY RECOVERY FOLLOWING A TRIP IN ADULTS WITH AND WITHOUT VESTIBULAR DYSFUNCTION
McCrum, C. et al [Netherlands]

09:30 OP-BN08-5
THE EFFECT OF AN 8-WEEK CORE-STABILITY PROGRAM ON COORDINATION DYNAMICS AND KICKING SPEED IN FEMALE SOCCER PLAYERS.
Serrien, B. et al [Belgium]

09:45 OP-BN08-6
THE EFFECT OF FORCE-CONTROLLED BITING ON MOTOR CONTROL – EXPERIMENTAL STUDIES UNDER LABORATORY AND FIELD CONDITIONS
Ringhof, S. et al [Germany]

Live 10 **OP-SH17**

Physical Education & Pedagogics III

Chair(s):
Schneider, A. [Canada]
Diketmüller, R. [Austria]

08:30 OP-SH17-1
GIVING THE ATHLETE A VOICE: PRELIMINARY FINDINGS OF THE MY SPORTING JOURNEY QUESTIONNAIRE.
Juniita, W. et al [Australia]

08:45 OP-SH17-2
RELATIVE AGE EFFECT AND PHYSICAL GROWTH ON PHYSICAL EDUCATION ATTAINMENT
Dalen, T. et al [Norway]

09:00 OP-SH17-3
THE EFFECTIVENESS OF INTER-PROFESSIONAL SIMULATED-PATIENT BASED SIMULATION IN DEVELOPING EXERCISE PHYSIOLOGY STUDENT INDUSTRY READINESS
Reeves, N. et al [Australia]

09:15 OP-SH17-4
LYING IN BETWEEN. ABOUT THE CONTINGENCY OF CROSSING.
Roscher, M. [Germany]

09:30 OP-SH17-5
WHO PARTICIPATE AND WHY?: YOUTH PARTICIPATION IN SWEDISH CLUB SPORTS
Thedin Jakobsson, B. [Sweden]

Friday, June 26th
10:20 - 11:50

High Live 1 **IS-PM11**

ECSS - ACSM EXCHANGE SYMPOSIUM : THE MARATHON AND THE HEART - THE GOOD, THE BAD, AND THE UNKNOWN

Chair(s):
Meeusen, R. [Belgium]

10:20 IS-PM11-1
TOO MUCH PRESSURE ON THE PUMP?
George, K. et al [United Kingdom]

10:50 IS-PM11-2
DYING ON THE STREETS?
Roberts, W. et al [United States]

Kuben **IS-PM04**

EFFECTS OF EXERCISE ON BRAIN FUNCTION, LEARNING AND MEMORY

Chair(s):
Lundbye-Jensen, J. [Denmark]

10:20 IS-PM04-1
NEURAL EFFECTS OF EXERCISE ON LEARNING AND PROBLEM SOLVING IN THE INTACT AND BRAIN INJURED INDIVIDUAL
Mogensen, J. [Denmark]

10:50 IS-PM04-2
EPIDEMIOLOGICAL STUDIES OF THE IMPORTANCE OF CARDIOVASCULAR FITNESS FOR COGNITIVE ABILITY AND NEUROPROTECTION.
Aberg, M. [Sweden]

11:20 IS-PM04-3
EFFECTS OF EXERCISE INTERVENTIONS ON HUMAN MOTOR LEARNING, COGNITIVE FUNCTIONS AND MEMORY
Lundbye-Jensen, J. [Denmark]

High Live 2 **IS-PM03**

FEMALE SEX HORMONES AND SKELETAL MUSCLE *

Chair(s):
Hansen, M. [Denmark]

10:20 IS-PM03-1
HORMONE REPLACEMENT THERAPY – EFFECT ON MUSCLE MASS AND MUSCLE FUNCTION
Sipilä, S. et al [Finland]

10:50 IS-PM03-2
ORAL CONTRACEPTIVES – EFFECT ON SKELETAL MUSCLE AND TENDON PROTEIN TURNOVER AND BIOMECHANICAL PROPERTIES
Hansen, M. [Denmark]

11:20 IS-PM03-3
ESTROGEN REPLACEMENT AND SKELETAL MUSCLE: MECHANISMS AND POPULATION HEALTH
Tiidus, P. [Canada]

High Live 3 **OP-PM16**

Physiology: Fatigue

Chair(s):
He, z. [China]
Lamberts, R. [South Africa]

10:20 OP-PM16-1
PACING DIFFERS BETWEEN TIME- AND DISTANCE-BASED TRIALS
Abbiss, C.R. et al [Australia]

10:35 OP-PM16-2
THE EFFECT OF A SLEEP HYGIENE PROTOCOL ON PHYSICAL RECOVERY FOLLOWING A LATE-NIGHT MATCH IN FOOTBALL PLAYERS
Fullagar, H.H.K. et al [Germany]

10:50 OP-PM16-3
EFFECT OF PROGRESSIVE NORMOBARIC HYPOXIA ON DYNAMIC CEREBRAL AUTOREGULATION
Horiuchi, M. et al [Japan]

11:05 OP-PM16-4
ENDURANCE EXERCISE INCREASES PLASMA KYNURENIC ACID IN HUMANS
Schlittler, M. [Sweden]

11:20 OP-PM16-5
EFFECTS OF ACUTE DIGOXIN INTAKE ON SKELETAL MUSCLE NA⁺,K⁺-ATPASE CONTENT, PLASMA K⁺ REGULATION AND FATIGUE DURING INTENSE EXERCISE IN HEALTHY YOUNG ADULTS
Atanasovska, T. et al [Australia]

High Live 4 **IS-BN02**

SPORT EXPERTISE: PUTTING BRAIN, BODY, AND ENVIRONMENT TOGETHER AGAIN

Chair(s):
Araujo, D. [Portugal]

10:20 IS-BN02-1
EXPERTS EXPLOIT NEUROBIOLOGICAL DEGENERACY IN MULTI-ARTICULAR SKILLS
Seifert, L. [France]

10:50 IS-BN02-2
ACTION ANTICIPATION AND ACTION PLANNING IN ELITE ATHLETES: EVIDENCES FROM PSYCHOPHYSICS AND TRANSCRANIAL STIMULATIONS STUDIES
Cesari, P. [Italy]

11:20 IS-BN02-3
AN ECOLOGICAL DYNAMICS VIEW OF SOCIAL COORDINATION: GOING BEYOND A TEAM OF EXPERTS TOWARDS AN EXPERT TEAM
Araujo, D. [Portugal]

Live 1 **IS-BN03**

THE WORKPLACE AS ARENA FOR HEALTH ENHANCING PHYSICAL ACTIVITY INTERVENTIONS. QUANTIFICATION AND HOW TO REACH THOSE MOST IN NEED

Chair(s):
Søgaard, K. [Denmark]

10:20 IS-BN03-1
DESIGNING WORKPLACE PHYSICAL EXERCISE TRAINING INTERVENTIONS TAILORED TO OCCUPATIONAL EXPOSURE.
Søgaard, K. [Denmark]

10:50 IS-BN03-2
'OCCUPATIONAL PHYSICAL ACTIVITY – QUANTITY AND ROLE IN A HEALTH PERSPECTIVE
Ainsworth, B. [United States]

11:20 IS-BN03-3
WORKPLACE PHYSICAL ACTIVITY INTERVENTIONS IN A COST-EFFECTIVENESS PERSPECTIVE.
van Mechelen, W. et al [Netherlands]

Live 2 **IS-SH04**

RELATIVE AGE EFFECTS IN YOUTH SPORT: INSIGHTS FROM PHYSIOLOGICAL, PSYCHOLOGICAL, AND SOCIOLOGICAL

Oral & Invited Presentations

PERSPECTIVES

Chair(s):

Cobley, S. [Australia]

10:20 IS-SH04-1
RELATIVE AGE EFFECTS - A PSYCHOLOGICAL
PERSPECTIVE

Cobley, S. [Australia]

10:50 IS-SH04-2
THE RELATIVE AGE EFFECT FROM THE PHYSIOLOGI-
CAL AND PERFORMANCE PERSPECTIVE
Gil, S.M. [Spain]

11:20 IS-SH04-3
RELATIVE AGE EFFECT FROM A SOCIOLOGICAL
PERSPECTIVE
Pettersson, T. [Sweden]

Live 3 IS-SH09

SPORTS LABOUR MOBILITY AND THE POLITICS OF PRECARIY

Chair(s):

Agergaard, S. [Denmark]

10:20 IS-SH09-1
GLOBALIZATION, SPORTS AND THE PRECARIY OF
MASCULINITY

Besnier, N. [Netherlands]

10:50 IS-SH09-2
THE CIRCULATION OF BRAZILIAN FOOTBALL PLAYERS
Rial, C. [Brazil]

11:20 IS-SH09-3
PRECARIOUS ISSUES IN WOMEN'S FOOTBALL
MIGRATION
Agergaard, S. [Denmark]

Live 4 OP-PM38

Training & Testing: Endurance II

Chair(s):

Bishop, D. [Australia]

Fritzdorf, S. [Sweden]

10:20 OP-PM38-1
CORRELATION BETWEEN OXYGEN CONSUMPTION
AND ACCELEROMETER COUNTS AT DIFFERENT
PLACEMENTS DURING RUNNING
Poulsen, M.K. et al [Denmark]

10:35 OP-PM38-2
TEST PROTOCOL OPTIMIZATION OF THE HEART
RATE-BASED LACTATE MINIMUM TEST
Perret, C. et al [Switzerland]

10:50 OP-PM38-3
PREDICTION OF ELITE TRIATHLON PERFORMANCE BY
MULTIPLE LINEAR REGRESSION MODELS
Hoffmann, M. et al [Germany]

11:05 OP-PM38-4
VALIDATION OF MODIFIED D-MAX METHOD FOR
CALCULATING INDIVIDUAL ANAEROBIC THRESHOLD
IN WELL TRAINED MALE CYCLISTS
Flockhart, M. et al [Sweden]

11:20 OP-PM38-5
CONVENTIONAL CRITICAL POWER TEST PREDICTS
16.1 KM ROAD TIME TRIAL PERFORMANCE
Morgan, P.T. et al [United Kingdom]

11:35 OP-PM38-6
RELATIONSHIP OF PHYSIOLOGICAL FACTOR CHANG-
ES IN JAPANESE UNIVERSITY DISTANCE RUNNERS
Tanji, F. et al [Japan]

Live 5 OP-PM70

Molecular Biology and Biochemistry: Epigenetics

Chair(s):

Collins, M. [South Africa]

Christiansen, L. [Denmark]

10:20 OP-PM70-1
APOE GENE VARIANTS AND CONCUSSION SEVERITY
September, A.V. et al [South Africa]

10:35 OP-PM70-2
GENDER DIFFERENCES IN MAXIMAL MITOCHON-
DRIAL RESPIRATORY CAPACITY IN ADIPOSE TISSUE
BUT NOT IN MUSCLE AFTER INTENSIVE LIFESTYLE
INTERVENTION
Dandanell, S. et al [Denmark]

10:50 OP-PM70-3
THE INDIVIDUAL AND COMBINED ASSOCIATION
BETWEEN MULTIPLE GENE POLYMORPHISMS AND
ELITE ENDURANCE ATHLETE STATUS
Lockey, S.J. et al [United Kingdom]

11:05 OP-PM70-4
ENDURANCE TRAINING-STIMULATED FDNC5/IRISIN
INDUCES BEIGE ADIPOSE-LIKE PHENOTYPE IN VIS-
CERAL ADIPOSE TISSUE OF OBESE RATS
Rocha-Rodrigues, S. [Portugal]

Live 6 OP-PM42

Training & Testing: Strength III

Chair(s):

Place, N. [Switzerland]

Andersen, J. [Denmark]

10:20 OP-PM42-1
ASSESSMENT OF ISOKINETIC KNEE STRENGTH
AND ITS RELATIONSHIP WITH VERTICAL JUMP AND
POWER IN YOUTH BASKETBALL PLAYERS
Michaelides, M. et al [Cyprus]

10:35 OP-PM42-2
VALIDATION OF ISOMETRIC STRENGTH-TESTING
DEVICES FOR DIFFERENT ANKLE MOVEMENTS
Bavdek, R. et al [Slovenia]

10:50 OP-PM42-3
SEX DIFFERENCES IN MEASURES OF POWER AND
VELOCITY DURING DEADLIFTING
Jones, M.T. et al [United States]

11:05 OP-PM42-4
HEAVY STRENGTH TRAINING DOES NOT AFFECT
PERFORMANCE IN JUNIOR FEMALE CROSS-
COUNTRY SKIERS
Losnegard, T. et al [Norway]

11:20 OP-PM42-5
STRETCH INDUCED MUSCLE HYPERTROPHY IN THE
HUMAN TRICEPS SURAE OF YOUNG MALES
Simpson, C.L. et al [Canada]

11:35 OP-PM42-6
CONTRIBUTION OF LEG MUSCLE FORCES TO PAD-
DLE STROKE FORCE AND KAYAK SPEED DURING
MAXIMAL EFFORT FLAT-WATER PADDLING AMONG
ELITE KAYAKERS
Rosdahl, H. et al [Sweden]

Live 7 OP-PM23

Physiology: Energy metabolism

Chair(s):

Fujita, S. [Japan]

Carter, J. [United Kingdom]

10:20 OP-PM23-1
GREATER FAT UTILISATION DURING ECCENTRIC
CYCLING THAN CONCENTRIC CYCLING
Posthumus, M. et al [South Africa]

10:35 OP-PM23-2
ULTRA ENDURANCE EXERCISE AND CHANGES IN
LEAN MASS
Furber, M.J.W. et al [United Kingdom]

10:50 OP-PM23-3
DIETARY COUNSELING INTERVENTION DECREASED
CARDIOMETABOLIC RISK IN MALE HEAVYWEIGHT
JUDO ATHLETES
Murata, H. et al [Japan]

11:05 OP-PM23-4
THE ACUTE EFFECTS OF BEETROOT JUICE ON SUB-
MAXIMAL EXERCISE EFFICIENCY AND SKELETAL
MUSCLE METABOLISM IN RECREATIONALLY ACTIVE
MALES
Betteridge, S. et al [Australia]

11:20 OP-PM23-5
ONE WEEK OF BED-REST SUBSTANTIALLY REDUCES
MUSCLE MASS AND INDUCES INSULIN RESISTANCE
IN HEALTHY MALES
Dirks, M.L. et al [Netherlands]

11:35 OP-PM23-6
THE INFLUENCE OF BLOOD DONATION ON ENERGY
CONTRIBUTION AND PACING DURING MIDDLE
DISTANCE CYCLING
Lawler, N.G. et al [Australia]

Live 8 OP-BN10

Motor learning, Coordination

Chair(s):

Ritzmann, R. [Germany]

Taube, W. [Switzerland]

10:20 OP-BN10-1
POSTURAL THREAT INFLUENCES NEURAL CONTROL
OF UPRIGHT STANDING IN YOUNG AND ELDERLY
ADULTS
Johannsson, J. et al [Belgium]

10:35 OP-BN10-2
CONTRIBUTION OF VISUAL AND PROPRIOCEPTIVE
INFORMATION IN POSTURAL CONTROL DIFFERS
WITH AGE
Penzer, F. et al [Belgium]

10:50 OP-BN10-3
THE INFLUENCE OF AN EXTERNAL FOCUS OF AT-
TENTION VERSUS INTERNAL FOCUS OF ATTENTION
WITH REGARD TO MOTOR LEARNING AND SKILL

ACQUISITION FOR ANTERIOR CRUCIATE LIGAMENT INJURY PREVENTION.
Pantano, K. [United States]

11:05 OP-BN10-4
GENERALISED JOINT HYPERMOBILITY IN ELITE LEVEL ADOLESCENT ATHLETES – BENEFICIAL OR PROBLEMATIC IN RELATION TO INJURY, PAIN, PHYSICAL FUNCTIONING AND QUALITY OF LIFE?
Schmidt, H. et al [Denmark]

11:20 OP-BN10-5
NEITHER VOLUNTARY MUSCLE ACTIVATION NOR STRETCH TOLERANCE IS A LIMITING FACTOR TO ANKLE JOINT RANGE OF MOTION
Yoshikawa, A. et al [Japan]

Live 10 OP-SH18

Sport participation, development and exercise

Chair(s):
Bryden, P. [Canada]
Ericsson, I. [Sweden]

10:20 OP-SH18-1
INQUIRY BASED LEARNING AS PEDAGOGICAL APPROACH TO ENHANCE REFLECTIVE PRACTICE IN PHYSICAL EDUCATION TEACHER EDUCATION <PETE>
Østergaard, L.D. [Denmark]

10:35 OP-SH18-2
'THERE ARE NO RIGHT OR WRONG WAYS' - PE TEACHERS USING EXPRESSIVE DANCE AS A LEARNING TOOL WITHIN PHYSICAL EDUCATION.
Mattsson, T. [Sweden]

10:50 OP-SH18-3
PHYSICAL LITERACY THROUGH DANCE EDUCATION
Cheung, S.T.J. [Hong Kong]

11:05 OP-SH18-4
CHALLENGES FOR INTERVENTION RESEARCH IN HEALTH AND LIFESTYLE RESEARCH – A SYSTEMATIC META-LITERATURE REVIEW
Kristén, L. et al [Sweden]

11:20 OP-SH18-5
THE EFFECTS OF PHYSICAL ACTIVITY IN PRIMARY SCHOOLS ON ACADEMIC PERFORMANCE
Collard, D. et al [Netherlands]

**Friday, June 26th
16:20 - 17:50**

High Live 1 IS-PM08

TEAM SPORT & HEALTH *

Chair(s):
Krustrup, P. [Denmark]

16:20 IS-PM08-1
PLAYING FOOTBALL TO PREVENT CHRONIC DISEASES
Krustrup, P. [Denmark]

16:50 IS-PM08-2
FOOTBALL FANS IN TRAINING <FFIT>: A WEIGHT LOSS AND HEALTHY LIVING PROGRAMME DELIVERED TO MEN AGED 35-65 BY SCOTTISH PREMIER LEAGUE FOOTBALL CLUBS
Hunt, K. [United Kingdom]

17:20 IS-PM08-3
PROSTATE CANCER PATIENTS' EXPERIENCES WITH PARTICIPATION IN FOOTBALL – A QUALITATIVE INVESTIGATION OF THE 'FC PROSTATE' RANDOMIZED CONTROLLED TRIAL
Midtgaard, J. et al [Denmark]

Kuben OP-PM17

Physiology: Cardiovascular II

Chair(s):
Wollmer, P. [Sweden]
Aagaard, P. [Denmark]

16:20 OP-PM17-1
THE EFFECT OF RAST ANAEROBIC TEST ON CIRCULATING HEMATOPOIETIC AND ENDOTHELIAL PROGENITOR CELLS IN ATHLETES
Shady, K. et al [Egypt]

16:35 OP-PM17-2
ISCHEMIC PRECONDITIONING REDUCES THE CARDIOVASCULAR RESPONSE DURING THE MUSCLE METABOREFLEX ACTIVATION
Crisafulli, A. et al [Italy]

16:50 OP-PM17-3
THE RELATIONSHIP BETWEEN BLOOD FLOW AND POST-EXERCISE RECOVERY: A RANDOMIZED SINGLE-BLIND PLACEBO-CONTROLLED STUDY.
Borne, R. et al [France]

17:05 OP-PM17-4
EXERCISE TRAINING INCREASES THE INHIBITORY EFFECTS OF PROSTACYCLIN ON PLATELETS IN POST-MENOPAUSAL WOMEN
Slingsby, M.H. et al [Denmark]

17:20 OP-PM17-5
PHYSIOLOGICAL RESPONSES OF FIREFIGHTERS TO A FLASHOVER TRAINING
Inwink, S. et al [Germany]

17:35 OP-PM17-6
A POWER-LAW MODEL REDUCES VARIABILITY IN TIME-TO-EXHAUSTION
Coakley, S.L. et al [United Kingdom]

High Live 2 IS-PM16

JSPFSM-RISK FACTORS AND BIOMARKERS OF REDUCED SKELETAL MUSCLE FUNCTION IN OLDER AGE –JAPANESE & EUROPEAN EXPERIENCE

Chair(s):
Nagatomi, R. [Japan]

16:20 IS-PM16-1
ASSOCIATION OF HIGHER SERUM ADIPONECTIN LEVEL AND TRADITIONAL JAPANESE DIETARY PATTERN WITH REDUCED SKELETAL MUSCLE STRENGTH AND QUALITY OF LIFE OF OLDER JAPANESE
Nagatomi, R. [Japan]

16:50 IS-PM16-2
COUNTERMEASURE AGAINST BLUNTED SKELETAL MUSCLE STEROIDOGENESIS
Fujita, S. [Japan]

17:20 IS-PM16-3
COUNTERACTING SKELETAL MUSCLE LOSS WITH AGEING: INFLUENCE OF NUTRITION AND EXERCISE
Holm, L. [Denmark]

High Live 3 OP-PM43

Training & Testing: Team sport I

Chair(s):
Knez, W. [Sweden]
Magnusson, P. [Denmark]

16:20 OP-PM43-1
QUANTIFICATION OF SESSION RATINGS OF PERCEIVED EXERTION IN ELITE SOCCER REFEREES
Weston, M. [United Kingdom]

16:35 OP-PM43-2
ARE PHYSIOLOGICAL ABILITIES OF PROFESSIONAL SOCCER PLAYERS POSITION SPECIFIC?
Reer, R. [Germany]

16:50 OP-PM43-3
CHANGES IN MUSCULAR AND NEUROMUSCULAR FUNCTIONS FOLLOWING SOCCER-SPECIFIC FATIGUE

IN YOUTH MALE FOOTBALLERS
Lehnert, M. et al [Czech Republic]

17:05 OP-PM43-4
CHANGE-OF-DIRECTION SPEED TRAINING IN MINIMALIST FOOTWEAR MAY PROVIDE ADDITIONAL PERFORMANCE GAINS IN JUNIOR AUSTRALIAN RULES FOOTBALLERS
Graham, S. et al [Australia]

17:20 OP-PM43-5
ANGIOTENSIN-CONVERTING ENZYME GENE <ACE-I/D> EXPRESSION ASSOCIATED WITH SOCCER PLAYERS' PHYSICAL CAPACITIES
Coelho, D. et al [Brazil]

High Live 4 OP-PM59

Health & Fitness: Age I

Chair(s):
Ainsworth, B. [United States]
Biddle, S. [Australia]

16:20 OP-PM59-1
ASSOCIATION BETWEEN CARDIOVASCULAR FITNESS AND QUALITY OF SLEEP IN YOUNG ADULTS
Keng, C.F. et al [Taiwan]

16:35 OP-PM59-2
DEVELOPING OF MODEL HEALTH HOLISTIC CARE OF THE ELDERLY BY THE COMMUNITY PARTICIPATION IN TAMBONBUGRASUNG AMPHOE NONGKEE BURIRAM PROVINCE IN THAILAND
Chuntima, W. [Thailand]

16:50 OP-PM59-3
THE EFFECT OF HEALTH PROMOTION INTERVENTION ON CARDIOVASCULAR RISK FACTORS IN ACTIVE COMMUNITY DWELLING ELDERLY
Wang, Y.P. et al [Taiwan]

17:05 OP-PM59-4
THE EFFECT OF HIGH INTENSITY INTERVAL TRAINING ON THE BODY COMPOSITION AND FUNCTIONAL CAPACITY OF OLDER OBESE ADULTS
Nieuwoudt, S. et al [South Africa]

Oral & Invited Presentations

17:20 OP-PM59-5
PREVALENCE OF PHYSICALLY DEPENDENT ELDERLY IS INFLUENCED BY OBESITY STATUS: THE EXERNET MULTICENTER STUDY
Alcazar, J. et al [Spain]

17:35 OP-PM59-6
GENDER DIFFERENCES IN SELF REPORTED WALKING AND SITTING TIME IN PRE-DIABETIC PARTICIPANTS ENROLLED INTO A LIFESTYLE INTERVENTION: PRELIMINARY BASELINE RESULTS FROM THE PREVIEW PROJECT.
Swindell, N. et al [United Kingdom]

Live 1 IS-PM17

CCSS-ECSS exchange symposium: PHYSICAL ACTIVITY AND HEALTH PROMOTIO

Chair(s):
Tian, Y. [China]
Sjogaard, G. [Denmark]

16:20 IS-PM17-1
POLYMORPHISMS IN RAS CODING GENES ARE ASSOCIATED WITH EXERCISE TRAINING-INDUCED CHANGES IN CARDIORESPIRATORY FITNESS
He, Z. et al [China]

16:50 IS-PM17-2
EFFECTS OF 4 WEEKS OF MAXIMUM LIPID OXIDATION RATE INTENSITY TRAINING AND RESISTANCE TRAINING ON ADIPOSE TISSUE DISTRIBUTION AND MORPHOLOGY OF OBESE YOUTH
Zhang, L. [China]

17:20 IS-PM17-3
WALKING ENERGY EXPENDITURE AND RECOMMENDATION IN CHINESE ADULTS
Wang, H. et al [China]

17:50 IS-PM17-4
PHYSICAL ACTIVITY AND SITTING - HEALTH PROMOTION INTERVENTIONS AT THE WORKPLACE.
Proper, K. [Netherlands]

Live 2 IS-SH03

INTERNET OF SPORTS: AUGMENTING SPORTS TECHNOLOGY FOR PERFORMANCE AND PLEASURE

Chair(s):
Jacobsson, A. [Sweden]

16:20 IS-SH03-1
INTERNET OF SPORTS APPLICATIONS
Nylander, S. et al [Sweden]

16:50 IS-SH03-2
GOLF DATA ANALYTICS
Johansson, U. et al [Sweden]
SPORT ANALYTICS IN GOLF
Dahlbom, A. [Sweden]

17:50 IS-SH03-4
INTERACTION IN MOTION
Marshall, J. [United Kingdom]

Live 3 IS-SH11

SPORT FOR DEVELOPMENT AND PEACE: critical perspectives

Chair(s):
Burnett, C. [South Africa]

16:20 IS-SH11-1
APPROACHING 'SPORT FOR DEVELOPMENT AND PEACE' AS AN INTER-DISCIPLINARY PROJECT
Darnell, S. [Canada]

16:50 IS-SH11-2
MAKING TRANSNATIONAL, CROSS-CULTURAL <DIS>CONNECTIONS IN SPORT FOR DEVELOPMENT AND PEACE: EXPLORING MULTI-SITED SOCIAL AND POWER RELATIONS
Hayhurst, L. [Canada]

17:20 IS-SH11-3
LOCAL VOICES, SENSE-MAKING AND AGENCY IN THE 'UPTAKE' OF SDP PROJECTS IN AFRICA
Burnett, C. [South Africa]

Live 4 OP-PM39

Training & Testing: Endurance III

Chair(s):
Hopkins, W. [Australia]
de Haan, A. [Netherlands]

16:20 OP-PM39-1
ECCENTRIC CYCLING WARM-UP AS AN ALTERNATIVE METHOD PRIOR TO A TIME TRIAL
Bosio, A. et al [Italy]

16:35 OP-PM39-2
MONITORING HRV DURING REPEATED ELITE SWIMMING TRAINING-CAMPS
Ganzevles, S.P.M. et al [Netherlands]

16:50 OP-PM39-3
VALIDATION OF A PROTOCOL THAT DETERMINES THE CAPACITY TO OXIDIZE FAT DURING EXERCISE IN OBESE ADULTS
Præst, C. et al [Denmark]

17:05 OP-PM39-4
INCREASES IN CIRCULATING CELL-FREE DNA DURING AEROBIC RUNNING EXERCISE DEPEND ON INTENSITY AND DURATION
Haller, N. et al [Germany]

17:20 OP-PM39-5
MAXIMAL OXYGEN UPTAKE AND CARDIORESPIRATORY KINETICS BEFORE AND AFTER 6 WEEKS OF ENDURANCE TRAINING
Drescher, U. et al [Germany]

Live 5 OP-PM71

Molecular Biology and Biochemistry: Metabolism

Chair(s):
Gliemann, L. [Denmark]
Ekberg, J. [Sweden]

16:20 OP-PM71-1
IMMUNE RESPONSE TO A SWIMMING SESSION DURING A 24-H RECOVERY PERIOD
Morgado, J.P. et al [Portugal]

16:35 OP-PM71-2
THE COL5A1 3'-UTR AND MUSCULOSKELETAL SOFT TISSUE INJURIES: A FUNCTIONAL STUDY
Collins, M. et al [South Africa]

16:50 OP-PM71-3
PHYSIOLOGICAL PERFORMANCE AND BIOCHEMICAL PROFILE OF INDIAN ELITE FEMALE FOOTBALLERS DURING PRE-COMPETITION PHASE
Purohit, S. et al [India]

17:05 OP-PM71-4
VARIABILITY OF THE METABOLOMIC RESPONSE TO ENDURANCE EXERCISE IN MODULATED BY THE TRAINING STATE
Vaughan, D. et al [Switzerland]

17:20 OP-PM71-5
ΑB-CRYSTALLIN MODULATION AFTER ACUTE EXERCISE IN SKELETAL MUSCLE: THE ROLE OF OXIDATIVE STRESS AND FIBER COMPOSITION
Grazioli, E. et al [Italy]

Live 6 OP-PM33

Sports Medicine & Orthopedics: Injury prevention I

Chair(s):
Ageberg, E. [Sweden]
Creaby, M. [Australia]

16:20 OP-PM33-1
MONITORING OF SPORT INJURIES IN YOUNG ELITE SOCCER PLAYERS
Richardson, A. et al [Netherlands]

16:35 OP-PM33-2
CAN MOTION CONTROL SYSTEMS PREVENT RUNNING-RELATED INJURY?
Malisoux, L. et al [Luxembourg]

16:50 OP-PM33-3
PARALYMPIC ATHLETES' PERCEPTIONS OF THEIR EXPERIENCES OF SPORTS-RELATED INJURIES: A QUALITATIVE STUDY
Fagher, K. et al [Sweden]

17:05 OP-PM33-4
A MULTIFACTORIAL INJURY PREVENTION PROGRAM IN PHYSICAL EDUCATION TEACHER EDUCATION STUDENTS: PROCESS EVALUATION USING RE-AIM
Goossens, L. et al [Belgium]

Live 7 OP-PM48

Training & Testing: Agility

Chair(s):
Zemkova, E. [Slovakia]
Buhre, T. [Sweden]

16:35 OP-PM48-1
COMPLEX AGILITY PERFORMANCE ANALYSIS OF ELITE YOUTH ACADEMY SOCCER PLAYERS. AGE AND POSITION SPECIFIC ASSESSMENT.
Zalai, D. et al [Hungary]

16:50 OP-PM48-2
ANALYSIS OF A KOMPLEX STRESS STRAIN DYNAMIC IN A TECHNIC COMPOSITIONAL SPORT
Bubeck, D. et al [Germany]

17:05 OP-PM48-3
PHYSIOLOGICAL RESPONSES TO REPEATED SPRINT ABILITY TEST < 10X15 M> IN YOUNG BASKETBALL PLAYERS: THE EFFECT OF CHANGE OF DIRECTION
Meletakos, P. et al [Greece]

17:20 OP-PM48-4
EFFECTS OF PRACTICE AGAINST ELASTIC RESISTANCE ON JAB PUNCH PERFORMANCE
Suzovic, D. et al [Serbia]

Live 8 OP-SH07

Psychology (Mental health and stress)

Chair(s):
Hutter, V. [Netherlands]
Araujo, D. [Portugal]

16:20 OP-SH07-1
'FROM WORLD CLASS TO UNABLE TO SHOOT IN THREE ARROWS'- AN UNDERSTANDING OF THE PERSONAL EXPERIENCE OF 'TARGET PANIC' IN ELITE

ARCHERS
Clarke, P. et al [United Kingdom]

16:35 OP-SH07-2
MENTAL TOUGHNESS IN ELITE MUAY THAI
Powell, A. et al [United Kingdom]

Live 10 OP-SH19

Philosophy & Ethics I

Chair(s):
Schneider, A. [Canada]
Jönsson, K. [Sweden]

16:20 OP-SH19-1
WALKING ON THE EDGE? THE DEVELOPMENT OF
TALENTED CHILDREN IN ELITE SPORTS
Pilz-Burstein, R. [Israel]

16:35 OP-SH19-2
HORSE - THE INVOLUNTARY CONTESTANT?
Andersson, P. [Sweden]

16:50 OP-SH19-3
SUBJECTIVITY AND THE BODY
Hogenova, A. [Czech Republic]

17:05 OP-SH19-4
NOVEL SPORTS MEDICINE TREATMENTS AND THE
PLACEBO EFFECT: ETHICAL, EPISTEMOLOGICAL AND
SOCIAL ISSUES
McNamee, M. et al [United Kingdom]

**Friday, June 26th
18:00 - 19:30**

High Live 1 OP-PM66

Nutrition: Clinical

Chair(s):
Carter, J. [United Kingdom]
Vikman, J. [Sweden]
18:00 OP-PM66-1
DECREASED ENERGY AVAILABILITY DURING IN-
TENSIFIED TRAINING INCREASES SIGNS OF OVER-
REACHING AND IMPAIRS MENSTRUAL FUNCTION
IN COMPETITIVE FEMALE RUNNERS
Schaal, K. et al [United States]

18:15 OP-PM66-2
A ONE YEAR STUDY OF DAILY DISTRIBUTION OF
CALORIES AND BODY COMPOSITION CHANGES IN
A GROUP OF MODERATELY ACTIVE PEOPLE
Ghiani, G. et al [Italy]

18:30 OP-PM66-3
THE EFFECTS OF 14-DAYS OF CREATINE SUPPLEMEN-
TATION ON CREATINE PHOSPHATE LEVELS IN MUS-
CLE AND BRAIN IN YOUNG AND OLDER SUBJECTS
Berk, E. et al [United Kingdom]

18:45 OP-PM66-4
EFFECT OF CAFFEINE SUPPLEMENTATION ON ME-
TABOLISM AND PHYSICAL AND COGNITIVE FUNC-
TION IN FEMALE INTERMITTENT GAMES PLAYERS
Ali, A. [New Zealand]

19:00 OP-PM66-5
THE EFFECTS OF OMEGA-3 POLYUNSATURATED
FATTY ACID SUPPLEMENTATION DOSE LEVEL ON
HYPERPNOEA INDUCED BRONCHOCONSTRICTION
<HIB> SEVERITY AND AIRWAY INFLAMMATION IN
PHYSICALLY ACTIVE ASTHMATICS
Williams, N.C. et al [United Kingdom]

Kuben OP-PM18

**Physiology: Cardiovascular I + ESSA-
ECSS exchange**

Chair(s):
Mortensen, S. [Denmark]
Tornberg, Å. [Sweden]
18:00 OP-PM18-1
EXERCISING OPPORTUNITIES TO PREVENT CHRONIC
DISEASES: THE CAPO KIDS TRIAL [ESSA]
Candiota Nogueira, R. [Australia]

18:15 OP-PM18-2
CARDIOVASCULAR DIFFERENCES DURING ACTIVE
VERSUS PASSIVE RECOVERY IN ICE-HOCKEY MEAS-
URED USING IMPEDANCE CARDIOGRAPHY
Burr, J. et al [Canada]

18:30 OP-PM18-3
FOREARM MUSCLE BLOOD FLOW AND DEOXY-
GENATION DURING DYNAMIC HANDGRIP EXERCISE
IN LIMB SPECIFIC TRAINED ATHLETES
Bourgois, J.G. et al [Belgium]

18:45 OP-PM18-4
HEMOGLOBIN MASS IS DETERMINED BY LEAN BODY
MASS IN YOUNG BOYS
Hallén, J. et al [Norway]

19:00 OP-PM18-5
POST-AEROBIC EXERCISE METABOREFLEX STIMULA-
TION DELAYS HEART RATE RECOVERY
Forjaz, C. et al [Brazil]

High Live 2 OP-PM28

**Sports Medicine & Orthopedics: Ortho-
pedics II**

Chair(s):
Gliemann, L. [Denmark]
Drake, A. [Sweden]
18:00 OP-PM28-1
RADIOLOGICAL STUDY OF CHANGES IN MUSCLE
VOLUME USING MR IMAGING IN PATIENTS UN-
DERGOING ANTERIOR CRUCIATE LIGAMENT <ACL>

RECONSTRUCTION OF THE KNEE WITH SEMITENDI-
NOUS AND GRACILIS AUTOGRAFT
Setuain, I. et al [Spain]

18:15 OP-PM28-2
MUSCLE FUNCTION AFTER ACL INJURY CAN PRE-
DICT FUTURE SELF-REPORTED OUTCOMES
Flosadotfir, V. et al [Sweden]

18:30 OP-PM28-3
EFFECTIVENESS OF EXERCISE THERAPY COMPARED
WITH STEROID INJECTION FOR LATERAL EPICONDY-
LITIS: A RANDOMIZED CONTROLLED TRIAL
Gara, E. et al [Kosovo]

18:45 OP-PM28-4
EFFECTIVENESS OF A MULTICOMPONENT AP-
PROACH PROMOTING PHYSICAL ACTIVITY IN
CHRONIC LOW BACK PAIN PATIENTS: SIX MONTHS
FOLLOW-UP RESULTS OF A RANDOMIZED CON-
TROLLED TRIAL
Schaller, A. et al [Germany]

19:00 OP-PM28-5
INJURY INCIDENCE AND INJURY PATTERNS OF ELITE-
LEVEL MALE SOCCER PLAYERS IN KOSOVO
Shalaj, I. et al [Kosovo]

High Live 3 OP-PM44

Training & Testing: TeamSport II

Chair(s):
Wagner, H. [Austria]
Lamberts, R. [South Africa]
18:00 OP-PM44-1
AN EXPLORATORY STUDY ABOUT THE REACTION
TIME IN HANDBALL GOALKEEPERS
Estriga, L. et al [Portugal]

18:15 OP-PM44-2
THE INFLUENCE OF DIFFERENT WORK AND REST
DISTRIBUTIONS ON PERFORMANCE AND FATIGUE
DURING SIMULATED TEAM HANDBALL MATCH PLAY
Moss, S. et al [United Kingdom]

18:30 OP-PM44-3
PERFORMANCE DIAGNOSTICS, TRAINING LOAD
AND RECOVERY ASPECTS IN MALE ELITE TEAM
HANDBALL PLAYERS
Knöller, R. et al [Germany]

18:45 OP-PM44-4
DIFFERENCES IN GENERAL AND GAME BASED
PERFORMANCE IN ELITE, HIGH EXPERIENCED AND
EXPERIENCED MALE TEAM-HANDBALL PLAYERS
Wagner, H. et al [Austria]

19:00 OP-PM44-5
CHANGES IN PERCEIVED STRESS AND RECOVERY
RELATE TO CHANGES IN SUBMAXIMAL PERFOR-
MANCE IN TEAM SPORT PLAYERS.
van der Does, H. [Netherlands]

19:15 OP-PM44-6
EFFECT OF A COMPETITIVE SEASON ON ANTHROPO-
METRIC, AEROBIC AND BIOCHEMICAL PARAMETERS
IN BRAZILIAN FUTSAL PLAYERS
Barbieri, R.A. et al [Brazil]

High Live 4 OP-PM60

Health & Fitness: Age II

Chair(s):
Sipila, S. [Finland]
Marusic, U. [Slovenia]
18:00 OP-PM60-1
PHYSICAL FITNESS IS PREDICTIVE FOR A DECLINE
IN DAILY FUNCTIONING IN OLDER ADULTS WITH
INTELLECTUAL DISABILITIES
Oppewal, A. et al [Netherlands]

18:15 OP-PM60-2
IS THERE A LINK BETWEEN ASYMMETRIES IN
STRENGTH, GAIT AND BALANCE IN SENIORS?
Hammes, D. et al [Switzerland]

18:30 OP-PM60-3
PHYSICAL ACTIVITY IN OLDER ADULTS: ITS ASSO-
CIATION WITH LOWER EXTREMITY JOINT RANGE OF
MOTION AND MUSCLE FORCE
Jung, H.G. et al [Japan]

Oral & Invited Presentations

18:45 OP-PM60-4
SMART: IS PAIN A RELEVANT BASELINE CHARACTER-
ISTIC IN THE ELDERLY? RESULTS FROM A RCT
Fleckenstein, J. et al [Germany]

19:00 OP-PM60-5
EFFECT OF MILK VS LEUCINE FORTIFIED MILK SUP-
PLEMENTATION ON BODY COMPOSITION AND
STRENGTH IN OLDER ADULTS UNDERGOING 12
WEEKS OF RESISTANCE TRAINING.
Soto, F. et al [Spain]

Live 1 OP-PM57

Health & Fitness: Children I

Chair(s):
Bugge, A. [Denmark]
Magnusson, P. [Denmark]

18:00 OP-PM57-1
THE IMPACT OF CYCLING DESKS ON IN-CLASS
ENERGY EXPENDITURE.
Torbeyns, T. et al [Belgium]

18:15 OP-PM57-2
IMPACT OF LIVING AREA ON ANTHROPOMETRIC
AND PHYSICAL FITNESS PARAMETERS AMONG
15-YEAR-OLD ADOLESCENTS IN KOSOVO
Tishukaj, F. et al [Kosovo]

18:30 OP-PM57-3
LOCALIZATION OF PHYSICAL ACTIVITY IN PRIMARY
SCHOOL CHILDREN USING ACCELEROMETER AND
GLOBAL POSITIONING SYSTEM
Bürgi, R. et al [Switzerland]

18:45 OP-PM57-4
LONGITUDINAL CHANGE IN PHYSICAL ACTIVITY OF
CHILDREN IN HUNAN, CHINA
Pengyu, D. et al [Japan]

19:00 OP-PM57-5
SMARTPHONE APPS TO IMPROVE CARDIORESPIRA-
TORY FITNESS AND INCREASE PHYSICAL ACTIVITY
LEVELS AMONG YOUNG PEOPLE: THE AIMFIT RAN-
DOMISED CONTROLLED TRIAL
Direito, A. et al [New Zealand]

19:15 OP-PM57-6
PHYSICAL ACTIVITY AND INTRA-ABDOMINAL FAT IN
YOUNG ADULTHOOD: A CO-TWIN CONTROL STUDY
Rottensteiner, M. et al [Finland]

Live 2 OP-SH08

Psychology (Challenges within Sport Psychology I)

Chair(s):
Balaguer, I. [Spain]
Nilsson, P. [Sweden]

18:00 OP-SH08-1
LINKS BETWEEN ADOLESCENTS' INVOLVEMENT IN
SPORT, ATTACHMENT TO PARENTS AND PROSOCIAL
BEHAVIOUR
Lisinskiene, A. et al [Lithuania]

18:15 OP-SH08-2
NEUROPSYCHIATRIC DISORDERS FOLLOWING PEDI-
ATRIC SPORTS-RELATED CONCUSSION
Ellis, M.J. et al [Canada]

18:30 OP-SH08-3
SPECIFICS AND CHALLENGES IN FEMALE ATHLETES'
CAREER DEVELOPMENT
Tekavc, J. et al [Belgium]

18:45 OP-SH08-4
PARADOXICAL FUNCTIONS OF EXERCISE IN WOMEN
WITH ANOREXIA NERVOSA
Kolnes, L. [Norway]

19:00 OP-SH08-5
THE RELATIONSHIP BETWEEN STUNKARD IMAGES,
PERCEPTION OF BMI AND PERCEPTION OF SELF-
CONCEPT IN SPANISH ADOLESCENTS
Sánchez-Miguel, P.A. et al [Spain]

Live 3 OP-SH21

Sociology

Chair(s):
Donnelly, P. [Canada]
Norberg, J. [Sweden]

18:00 OP-SH21-1
'YOU ARE JUST AN IDIOT FOR NOT BEING DOING
ANY PHYSICAL ACTIVITY RIGHT NOW': PRE-SERVICE
HEALTH AND PHYSICAL EDUCATION TEACHERS'
CONSTRUCTIONS OF BODY FAT
Varea, V. [Australia]

18:15 OP-SH21-2
THE ECOLOGICAL HABITUS, SPORT AND PHYSICAL
CULTURE
Brown, D. [United Kingdom]

18:30 OP-SH21-3
SPORT AS A RESPONDING SOLUTION TO SOCIAL
PROBLEMS? CONTEXTUALIZING SPORT AND
WELFARE
Ekholm, D. [Sweden]

18:45 OP-SH21-4
HEALTH COMMUNICATORS' ALTERING THEIR
PRACTICE BY IMPLEMENTING PHYSICAL ACTIVITY
FOR NEWLY ARRIVED REFUGEES
Fabri, A. [Sweden]

Live 4 OP-PM62

Health & Fitness: Mixed

Chair(s):
Pedersen, M. [Denmark]
Granér, S. [Sweden]

18:00 OP-PM62-1
SELF-ADMINISTERED PHYSICAL EXERCISE TRAINING
AS TREATMENT OF NECK PAIN AMONG MILITARY
HELICOPTER PILOTS AND CREW – A RANDOMIZED
CONTROLLED TRIAL
Murray, M. et al [Denmark]

18:15 OP-PM62-2
CARDIAC AUTONOMIC CONTROL INDEPENDENT
ASSOCIATIONS WITH CARDIORESPIRATORY FITNESS
AND RESTING METABOLIC RATE IN NAFLD PATIENTS
Pimenta, N.M. et al [Portugal]

18:30 OP-PM62-3
THE EFFECT OF PHYSICAL FITNESS AND PHYSICAL
EXERCISE TRAINING ON WORK PRODUCTIVITY
AMONG HEALTH CARE WORKERS
Kongstad, M. et al [Denmark]

18:45 OP-PM62-4
EFFECTS OF ACUTE EXERCISE ON BRAIN MECHA-
NISMS ASSOCIATED WITH SINGLE- AND DUAL-
TASKS DURING LOCOMOTION
Duncan, S. et al [Australia]

19:00 OP-PM62-5
BREAKING UP PROLONGED SITTING TIME DOES NOT
AFFECT APPETITE OR GUT HORMONE CONCENTRA-
TIONS IN SEDENTARY ADULTS
Bailey, D.P. et al [United Kingdom]

OP-PM62-6
SEQUENTIAL AND ALTERNATING PHYSICAL EDUCA-
TION DIDACTIC UNITS WITH TEAM VS. INDIVIDUAL
SPORTS – EFFECTS ON PHYSICAL FITNESS
Póvoas, S. et al [Portugal]

Live 5 OP-PM72

Molecular Biology and Biochemistry: Gene expression & signaling

Chair(s):
Collins, M. [South Africa]
Rundqvist, H. [Sweden]

18:00 OP-PM72-1
EFFECT OF ACUTE INTERVAL EXERCISE ON OXIDATIVE
STRESS IN CANOEISTS
Chien, L. et al [Taiwan]

18:15 OP-PM72-2
EFFECTS OF A SINGLE RESISTANCE EXERCISE BOUT
ON NF- κ B SIGNALING IN SKELETAL MUSCLES
OF MASTERS WEIGHTLIFTERS AND AGE-MATCHED

CONTROLS
Wessner, B. et al [Austria]

18:30 OP-PM72-3
THE EFFECTS OF AEROBIC EXERCISE ON NF-KB,
LIN 28B AND LET-7A MICRORNA EXPRESSIONS
AND LEVELS OF TUMOR TISSUE IL-6 IN MICE WITH
BREAST CANCER
Anoosheh, L. et al [Iran]

18:45 OP-PM72-4
DEGRADOME EXPRESSION PROFILING IN STRAINED
AND PATHOLOGICAL TENDON – ARE THERE COM-
MON PATTERNS IN EXERCISE AND TENDINOPATHY?
Legerlotz, K. et al [Germany]

Live 6 OP-PM34

Sports Medicine & Orthopedics: Injury prevention II

Chair(s):
Schwameder, H. [Austria]
Folland, J. [United Kingdom]

18:00 OP-PM34-1
COMPARISON OF MECHANICAL INJURY RISK FAC-
TORS BETWEEN MALE AND FEMALE WORLD CUP
ALPINE SKIERS IN THE DISCIPLINE SUPER-G
Gilgien, M. et al [Norway]

18:15 OP-PM34-2
CONTACT INJURIES OF THE FEMALE FIELD HOCKEY
PLAYERS
Ozer, C.M. et al [Turkey]

18:30 OP-PM34-3
PROTECTIVE EFFECT BY MAXIMAL ISOMETRIC
CONTRACTIONS AGAINST MAXIMAL ECCENTRIC
CONTRACTION-INDUCED MUSCLE DAMAGE OF
THE KNEE EXTENSORS
Tseng, K.W. et al [Taiwan]

18:45 OP-PM34-4
REHABILITATION AFTER ACUTE HAMSTRING MUSCLE
INJURIES AMONG ELITE SOCCER PLAYERS
Haxhiu, B. et al [Kosovo]

19:00 OP-PM34-5
CONCUSSION IN SCOTTISH MOTOR SPORT: AN INITIAL SURVEY OF AWARENESS AND PRACTICE
Elliot, J. et al [United Kingdom]

Live 7 OP-PM51

Training & Testing: Coordination

Chair(s):
Hoier, B. [Denmark]
Ekberg, J. [Sweden]

18:00 OP-PM51-1
LOWER EXTREMITY CONTROL IN RESPONSE TO 8-WEEK ACL-INJURY PREVENTION TRAINING IN FEMALE ADOLESCENT ATHLETES
Ullrich, B. et al [Germany]

18:15 OP-PM51-2
COMPARISON BETWEEN THE STATIC BALANCE OF PRACTITIONERS FROM DIFFERENT SPORTS AND NON-ATHLETES
Gateva, M. et al [Bulgaria]

18:30 OP-PM51-3
THE EFFECT OF MENTAL TRAINING ON MOTOR PERFORMANCE OF TENNIS AND FIELD HOCKEY STROKES IN NOVICE PLAYERS
Hegazy, K. et al [Germany]

18:45 OP-PM51-4
GENDER AND PERFORMANCE LEVEL SPECIFIC DIFFERENCES IN BALANCE ABILITY OF ELITE AUSTRIAN ALPINE SKI RACERS
Raschner, C. et al [Austria]

19:00 OP-PM51-5
BALANCE: SET OF SPECIFIC SKILLS OR GENERAL ABILITY?
Kramer, A. et al [Germany]

19:15 OP-PM51-6
APPLICATION OF HYPOXIC TRAINING IN TECHNICAL SPORTS.
Zelenkova, I. et al [Russia]

Live 8 OP-BN06

Muscle function

Chair(s):
Seynnes, O. [Norway]
Stenroth, L. [Finland]

18:00 OP-BN06-1
FREQUENCY OF REGULAR EXERCISE AFFECTS THE TIME UNTIL CHANGE IN MUSCLE VISCOELASTICITY DURING STATIC STRETCHING
Okamura, N. et al [Japan]

18:15 OP-BN06-2
ACUTE EFFECTS OF MUSCLE LENGTH DURING THE CONTRACTION PHASE OF CONTRACT-RELAX STRETCHING ON MUSCLE-TENDON MECHANICS
Kay, A. et al [United Kingdom]

18:30 OP-BN06-3
COMPUTED PASSIVE TENSILE TEST TO FAILURE OF THE MUSCLE-TENDON COMPLEX USING A DISCRETE ELEMENT MODEL
Roux, A. et al [France]

18:45 OP-BN06-4
LATERALITY OF THE MORPHOLOGICAL PROPERTIES OF THE VASTUS LATERALIS MUSCLE IN NON-UNILATERAL SPORT ACTIVITIES
Marzilger, R. et al [Germany]

19:00 OP-BN06-5
DIFFERENTIAL TENDINOUS TISSUE ADAPTATIONS AFTER CONVENTIONAL VS. EXPLOSIVE STRENGTH TRAINING
Massey, G.J. et al [United Kingdom]

Live 10 OP-SH20

Philosophy & Ethics II

Chair(s):
Parry, J. [Czech Republic]
Jönsson, K. [Sweden]

18:00 OP-SH20-1
HUMAN PRACTISING - TOWARDS AN ASCETOLOGICAL UNDERSTANDING OF SPORT
Aggerholm, K. [Denmark]

18:15 OP-SH20-2
THE AESTHETIC EXPERIENCE IN THE COMBAT SPORTS: A STUDY IN TAEKWONDO
Coelho, R.C. et al [Brazil]

18:30 OP-SH20-3
USING TRADITIONAL GAMES TO PROMOTE SUSTAINABILITY & PEACE IN THE ARCTIC
Kilbourne, J. [United States]

18:45 OP-SH20-4
A STUDY OF "UNIVERSAL SPORTS": THROUGH THE PHENOMENOLOGICAL PERSPECTIVE IN RELATION TO VARIETIES OF HUMAN BODIES
Tanaka, A. [Japan]

19:00 OP-SH20-5
BASKETBALL WAS INTRODUCED TO JAPAN AT FIRST AS A SPORT FOR WOMEN RATHER THAN FOR MEN
Kakiyama, T. [Japan]

Saturday, June 27th 08:30 - 10:00

Kuben OP-PM32

Sports Medicine & Orthopedics: Physiotherapy III

Chair(s):
Gliemann, L. [Denmark]
Drake, A. [Sweden]

08:30 OP-PM32-1
COMPARISON OF COLD COMPRESSION THERAPY WITH OTHER RECOVERY METHODS IN ELITE JUNIOR CYCLIST IN HEAT
Chan, Y. [Hong Kong]

08:45 OP-PM32-2
INCREASED PAIN PRESSURE THRESHOLD FOLLOWING ROLLING MASSAGE MAY BE, IN PART, DUE TO CENTRAL NERVOUS SYSTEM MODULATION OF PERCEIVED PAIN.
Behm, D. [Canada]

09:00 OP-PM32-3
EFFECTS OF HALLIWICK TECHNIQUE ON PHYSICAL FITNESS OF CHILDREN WITH SPASTIC CEREBRAL PALSY IN SCHOOL AGE
Xiaohui, H. et al [China]

09:15 OP-PM32-4
EFFECTS OF CONVENTIONAL RESISTANCE TRAINING AND RESISTANCE TRAINING WITH INSTABILITY ON PHYSIOLOGICAL RESPONSES TO MAXIMAL CARDIOPULMONARY EXERCISE TEST IN PATIENTS WITH PARKINSON'S DISEASE
Kanegusuku, H. et al [Brazil]

09:30 OP-PM32-5
IS PHYSICAL FITNESS ASSOCIATED WITH FIBROMYALGIA SEVERITY? THE AL-ÁNDALUS PROJECT
Soriano-Maldonado, A. et al [Spain]

High Live 2 OP-PM29

Sports Medicine & Orthopedics: Exercise therapy, epidemiology

Chair(s):
Gil, S. [Spain]
Ageberg, E. [Sweden]

08:30 OP-PM29-1
THE RELATIVE AGE EFFECT AND INJURIES IN CHILDREN'S FOOTBALL
Rössler, R. et al [Switzerland]

08:45 OP-PM29-2
INCREASED PHYSICAL ACTIVITY IN CHILDHOOD REDUCES ADOLESCENT FRACTURE RISK - AN EIGHT-YEAR INTERVENTION STUDY IN 3 534 CHILDREN
Cöster, M.E. et al [Sweden]

09:00 OP-PM29-3
SOCCER INJURIES IN SWITZERLAND
Gebert, A. et al [Switzerland]

09:15 OP-PM29-4
CHARACTERISTICS AND RISK FACTORS OF SPORT INJURIES IN PHYSICAL EDUCATION STUDENTS: PRELIMINARY RESULTS
Blikenadaal, S. et al [Netherlands]

09:30 OP-PM29-5
EFFECTS OF WEIGHT LOSS AND ISOTONIC CORE EXERCISE OF 8 WEEKS ON PAIN, STRENGTH AND BALANCE IN OBESE MIDDLE AGED WOMEN WITH LOW BACK PAIN
Kim, A.R. et al [Korea, South]

High Live 4 OP-PM45

Training & Testing: Team sport III

Chair(s):
Eek, F. [Sweden]
Hoier, B. [Denmark]

08:30 OP-PM45-1
THE EVALUATION OF VALIDITY AND RELIABILITY OF A NEW SOCCER SPECIFIC TEST
Tunar, M. et al [Turkey]

Oral & Invited Presentations

08:45 OP-PM45-2
TIME-MOTION DATA ANALYSIS OF A SMALL-SIDED GAME PERFORMED BY YOUNG ELITE MALE SOCCER PLAYERS
Wenker, C.T. et al [Netherlands]

09:00 OP-PM45-3
SALIVARY BIOMARKERS ACROSS A YOUNG SOCCER SEASON
Rama, L. et al [Portugal]

09:15 OP-PM45-4
PHYSICAL DEMANDS DURING VARIOUS TYPES OF CONSTRAINTS-LED CRICKET TRAINING
Vickery, W. et al [United Kingdom]

09:30 OP-PM45-5
ACUTE EFFECTS OF TWO DIFFERENT RESISTANCE CIRCUIT TRAINING PROTOCOLS ON PERFORMANCE AND PERCEIVED EXERTION IN BASKETBALL PLAYERS
Freitas, T.T. et al [Spain]

09:45 OP-PM45-6
PROPRIOCEPTION TRAINING: BEFORE OR AFTER REGULAR BASKETBALL TRAINING SESSION?
Pojskic, H. et al [Bosnia and Herzegovina]

Live 1 OP-PM58

Health & Fitness: Children II

Chair(s):
Tinning, R. [Australia]

08:30 OP-PM58-1
DETECTION OF MUSCLE IMBALANCES IN LOWER LIMBS STRENGTH AND POWER IN YOUNG CHILDREN AND ADOLESCENTS, AS AN INDICATOR IN THE PREVENTION OF INJURIES
López del Amo, J.L. et al [Spain]

09:00 OP-PM58-2
PARENTAL AND CHILD SPECIFIC FACTORS ASSOCIATED WITH PHYSICAL ACTIVITY IN FIRST GRADE SCHOOL CHILDREN.
Dreher, M. et al [Germany]

09:15 OP-PM58-3
A SYSTEMATISED REVIEW OF PRIMARY SCHOOL WHOLE CLASS CHILD HEALTHY WEIGHT INTERVENTIONS
Brown, E.C. et al [United Kingdom]

09:30 OP-PM58-4
EFFECTS OF 12 WEEKS OF AEROBIC PLUS RESISTANCE TRAINING WITHOUT CALORIC RESTRICTION ON INFLAMMATORY MARKERS IN ADOLESCENT OBESE GIRLS
Lopes, W.A. et al [Brazil]

09:45 OP-PM58-5
CARDIORESPIRATORY FITNESS AND PHYSICAL ACTIVITY ON A MULTIDISCIPLINARY SCHOOL-BASED INTERVENTION IN CHILDREN <PROJECT PANK>: A RANDOMIZED CONTROLLED TRIAL.
Batalau, R. et al [Portugal]

Live 2 OP-SH11

Sport Statistics & Analysis

Chair(s):
Hopkins, W. [Australia]
Granér, S. [Sweden]

08:30 OP-SH11-1
THE INFLUENCE OF PERFORMANCE LEVEL, AGE, AND GENDER ON PACING STRATEGY DURING A 100KM ULTRAMARATHON
Renfree, A. et al [United Kingdom]

08:45 OP-SH11-2
EXPLORING SOME THE MYSTERIES OF COLLECTIVE COORDINATION IN FOOTBALL: EFFECTIVE PLAYING SPACE AND THE NUMBER OF PLAYERS.
Sampaio, J. et al [Portugal]

09:00 OP-SH11-3
TACTICAL METRICS DISTINGUISHING WINNERS, DRAWERS AND LOSERS IN UEFA EURO 2012®
Winter, C. et al [Germany]

09:15 OP-SH11-4
FACTORS AFFECTING PERFORMANCE TIMES IN INTERNATIONAL LONG-TRACK SPEED SKATING
Noordhof, D.A. et al [Netherlands]

09:30 OP-SH11-5
DOPING IN MASS SPORT: IN INEXPLICABLE PHENOMENON?
Pitsch, W. [Germany]

09:45 OP-SH11-6
PERCEPTIONS OF UK OLYMPIC AND PARALYMPIC SPORTS TOWARD ATHLETE SUPPORT SERVICES DELIVERED BY HIGHER EDUCATION INSTITUTES
Thompson, K.G. et al [Australia]

Live 3 OP-SH09

Psychology (Challenges within Sport Psychology II)

Chair(s):
Balaguer, I. [Spain]
Andersen, M. [Sweden]

08:30 OP-SH09-1
BREATHING EFFORT MORE THAN FLOW LINKS MUSIC TO AUTONOMIC HEALTH
Blasco-Lafarga, C. et al [Spain]

08:45 OP-SH09-2
THE VALIDITY AND RELIABILITY OF THE BEHAVIOURAL REGULATION IN EXERCISE QUESTIONNAIRE-2 AMONG RHEUMATOID ARTHRITIS PATIENTS
Yu, C. et al [United Kingdom]

09:00 OP-SH09-3
ASSESSMENT OF THE RECOVERY-STRESS STATE IN SKYDIVERS
Finkenzeller, T. et al [Austria]

Live 4 OP-PM46

Training & Testing: Fatigue I

Chair(s):
Knez, W. [Sweden]
Buhre, T. [Sweden]

08:30 OP-PM46-1
THE UTILITY OF THE MULTI-COMPONENT TRAINING DISTRESS SCALE <MTDS> TO MONITOR SWIMMERS DURING PERIODS OF TRAINING OVERLOAD
Main, L.C. et al [Australia]

08:45 OP-PM46-2
AQUA EXERCISE DOES NOT AFFECT RECOVERY OF PERFORMANCE, DAMAGE MARKERS, THE IMMUNE-STATUS AND SENSATION OF PAIN AFTER MUSCLE-DAMAGING EXERCISE.
Wahl, P. et al [Germany]

09:00 OP-PM46-3
ACUTE FATIGUE OF LOWER LIMB AND TRUNK MUSCLES IMPAIRS STRENGTH, BALANCE AND SPRINT PERFORMANCE IN ACTIVE YOUNG ADULTS
Faude, O. et al [Switzerland]

09:15 OP-PM46-4
THE EFFECT OF POST-EXERCISE CRYOTHERAPY ON RECOVERY CHARACTERISTICS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Hohenauer, E. et al [Switzerland]

Live 5 OP-PM73

Molecular Biology and Biochemistry: Age

Chair(s):
Holm, L. [Denmark]

08:30 OP-PM73-1
EFFECTS OF DIFFERENT TYPES OF CHAIR BASED EXERCISE PROGRAMS ON HORMONAL, FUNCTIONAL AUTONOMY AND PHYSICAL FITNESS IN PRE-FRAIL ELDERLY WOMAN.
Furtado, G. et al [Portugal]

08:45 OP-PM73-2
MICRORNA PROFILES OF SUBCUTANEOUS FAT TISSUE AND SERUM IN WOMEN – ASSOCIATIONS WITH AGE AND POSTMENOPAUSAL HORMONE REPLACEMENT THERAPY
Kovanen, V. et al [Finland]

09:00 OP-PM73-3
EFFECTS OF ELASTIC-BAND RESISTANCE TRAINING AND NUTRITIONAL SUPPLEMENTATION ON CIRCULATING MYOKINES AND MUSCLE QUALITY OF INSTITUTIONALIZED ELDERLY - THE VIENNA ACTIVE AGEING STUDY <VAAS>
Hofmann, M. et al [Austria]

09:15 OP-PM73-4
HORMONE STATUS DEPENDENT DIFFERENCES IN MUSCLE PROTEOMICS: A STUDY WITH PREMENOPAUSAL WOMEN AND POSTMENOPAUSAL TWIN SISTERS DISCORDANT FOR THE USE OF HORMONE THERAPY
Pöllänen, E. et al [Finland]

Live 6 OP-PM52

Health & Fitness: Lifestyle I

Chair(s):
Nilsson, P. [Sweden]
Blair, S. [United States]

08:30 OP-PM52-1
INFLUENCE OF GENETIC POLYMORPHISMS ON RESPONSE TO PHYSICAL TRAINING IN HEALTH PARAMETERS
Bueno Junior, C. et al [Brazil]

08:45 OP-PM52-2
STABILITY OF LEISURE-TIME PHYSICAL ACTIVITY AND ALL-CAUSE MORTALITY IN TWINS DURING 23-YEAR FOLLOW-UP
Waller, K. et al [Finland]

09:00 OP-PM52-3
POINTS-BASED PHYSICAL ACTIVITY: A NOVEL APPROACH TO PHYSICAL ACTIVITY PROMOTES IMPROVED BODY COMPOSITION IN OVERWEIGHT, INACTIVE WOMEN.
Holliday, A. et al [United Kingdom]

09:15 OP-PM52-4
THE EFFECT OF INTELLIGENT PHYSICAL EXERCISE TRAINING ON SICKNESS ABSENCE AND JOB PERFORMANCE AMONG OFFICE WORKERS: A RANDOMIZED CONTROLLED TRIAL
Christensen, J.R. et al [Denmark]

Live 7 OP-PM25

Physiology: Mixed session

Chair(s):
Christiansen, L. [Denmark]
Boreham, C. [Ireland]
08:30 OP-PM25-1
FAT OR FIT: DOES BODY COMPOSITION OR FITNESS AFFECT IMMUNE AND INFLAMMATORY CHANGES OF FIREFIGHTERS IN THE HEAT?
Walker, A. et al [Australia]

08:45 OP-PM25-2
GALECTIN-3 AND SUPPRESSION OF TUMORIGENICITY 2 MEASUREMENT IN PARTICIPANT AT THE "TOR DES GÉANTS"
Le Goff, C. et al [Belgium]

09:00 OP-PM25-3
EFFECTS OF PROLONGED LOW INTENSITY EXERCISE WITH ENERGY DEFICIT <MILITARY TRAINING OPERATION> ON MARKERS OF MUSCLE PROTEIN TURNOVER.
Mattsson, C.M. et al [Sweden]

09:15 OP-PM25-4
INFLUENCE OF ANGIOTENSIN-CONVERTING ENZYME GENE I/D GENOTYPE AND REST INTERVAL BETWEEN SETS ON EXERCISE-INDUCED MUSCLE DAMAGE
Andrade, H. et al [Brazil]

09:30 OP-PM25-5
FUNCTIONAL AND METABOLIC CHARACTERIZATION OF EXERCISING MUSCLE IN A MOUSE MODEL OF SICKLE CELL DISEASE
Chatel, B. et al [France]

OP-PM25-6
EFFECT OF LONG-HAUL AIR TRAVEL EAST AND WEST ON RECOVERY OF TEAM SPORT PERFORMANCE.
Duffield, R. et al [Australia]

Live 8 OP-BN07

Gender II

Chair(s):
Tiidus, P. [Canada]
Thomas, R. [Denmark]
08:30 OP-BN07-1
TECHNIQUE DIFFERENCES BETWEEN MALE AND FEMALE CROSS-COUNTRY SKIERS WHILE WHOLE BODY, UPPER BODY AND ARM POLING IN A SKI ERGOMETER
Bucher, E. et al [Switzerland]

08:45 OP-BN07-2
SEX DIFFERENCES IN COMPENSATION STRATEGIES FROM EXPERIMENTALLY REDUCED MUSCLE FUNCTION
Benoit, D.L. et al [Canada]

09:00 OP-BN07-3
SEX DIFFERENCES IN MUSCLE ACTIVATIONS IN ASSOCIATION WITH ANTERIOR CRUCIATE LIGAMENT INJURY
Smale, K.B. et al [Canada]

09:15 OP-BN07-4
LEG DOMINANCE AND ACL INJURY RISK IN ELITE AUSTRALIAN FEMALE FOOTBALLERS
Hill, C. et al [Australia]

09:30 OP-BN07-5
SEX DIFFERENCES IN THE BIOMECHANICS OF BODY-WEIGHT SINGLE-LEG SQUAT VARIATIONS
Chapman, C.J. et al [Canada]

09:45 OP-BN07-6
ENERGY EXCHANGE IN FEMALE POLE VAULT
Russomanno, G.T. et al [Brazil]

Live 10 OP-SH24

Sociology (Sport and gender)

Chair(s):
Burnett, C. [South Africa]
Rial, C. [Brazil]
08:30 OP-SH24-1
"SPORTS DON'T LAST A LIFETIME, BUT I WANT TO LIVE WITH HIM FOREVER": FUNCTIONS AND DYSFUNCTIONS OF SEXUAL RELATIONSHIPS BETWEEN FEMALE ELITE-ATHLETES AND COACHES
Johansson, S. [Sweden]

08:45 OP-SH24-2
SPORT AND PEACE BUILDING IN POST-CONFLICT SOCIETIES: THE ROLE OF OPEN FAN FOOTBALL SCHOOLS IN KOSOVO
Krasniqi, S. [Kosovo]

09:00 OP-SH24-3
ZLATAN IBRAHIMOVIC – A POST-COLONIAL READ OF AN INDIVIDUAL SPORT TRADEMARK
Johan, E. [Sweden]

09:15 OP-SH24-4
ORGANISATION AND LEADERSHIP CHANGES REASONS FOR TEENAGE GIRLS TO DROP OUT FROM SPORT
Eliasson, I. et al [Sweden]

Saturday, June 27th 10:20 - 11:50

High Live 1 IS-PM05

ROLE OF GLYCOGEN IN SKELETAL MUSCLE REGULATION AND FUNCTION

Chair(s):
Ørtenblad, N. [Denmark]
10:20 IS-PM05-1
ROLE OF GLYCOGEN IN SKELETAL MUSCLE SR CA2+ REGULATION
Ørtenblad, N. [Denmark]

10:50 IS-PM05-2
SINGLE MUSCLE FIBRE ANALYSIS OF PROTEINS IMPORTANT FOR GLYCOGEN METABOLISM IN SKELETAL MUSCLE FROM TRAINED CYCLISTS FOLLOWING HIGH-INTENSITY AND AEROBIC-INTENSITY BOUTS OF EXERCISE.
Murphy, R. et al [Australia]

11:20 IS-PM05-3
INTRACELLULAR COMPARTMENTALIZATION AS A REGULATOR OF GLYCOGEN METABOLISM AND INSULIN SIGNALING
Prats, C. [Denmark]

Kuben IS-PM14

EFFECT OF SCHOOL BASED PHYSICAL ACTIVITY INTERVENTIONS

Chair(s):
Andersen, L. [Denmark]
10:20 IS-PM14-1
TWO DANISH SCHOOL-BASED PHYSICAL ACTIVITY INTERVENTIONS
Bugge, A. et al [Denmark]

10:50 IS-PM14-2
EFFECTS OF A 2-YEAR SCHOOL-BASED DAILY PHYSICAL ACTIVITY INTERVENTION. THE SOGNDAL SCHOOL-INTERVENTION STUDY.
Resaland, G.K. et al [Norway]

11:20 IS-PM14-3
EFFECTS OF SCHOOL-BASED PHYSICAL ACTIVITY INTERVENTIONS: THE KISS STUDY
Kriemler, S. et al [Switzerland]

High Live 2 IS-PM07

LIFELONG ENDURANCE TRAINING: MAINTENANCE OF HIGH CARDIOVASCULAR AND OXIDATIVE METABOLIC PERFORMANCE WITH AGING: IN HONOUR OF BENGT SALTIN *

Chair(s):
Boushel, R. [Sweden]
10:20 IS-PM07-1
CENTRAL HAEMODYNAMICS DURING EXERCISE
Calbet, J.A. [Spain]

10:50 IS-PM07-2
LONGITUDINAL PUMPING IS PRESERVED WITH LIFELONG ENDURANCE TRAINING AND IS AN INDEPENDENT PREDICTOR OF MAXIMAL CARDIAC OUTPUT
Steding-Ehrenborg, K. et al [Sweden]

11:20 IS-PM07-3
ENDOTHELIAL-MEDIATED VASODILATION AND MUSCLE VASCULAR CONDUCTANCE DURING EXERCISE
Mortensen, S.P. [Denmark]

11:50 IS-PM07-4
LIFELONG TRAINING KEEPS MITOCHONDRIA YOUNG
Boushel, R. [Sweden]

Oral & Invited Presentations

High Live 3

IS-PM15

RECENT DEVELOPMENTS IN ALTITUDE AND HYPOXIC TRAINING SPONSORED BY ASPETAR

Chair(s):
Girard, O. [Switzerland]
Schumacher, Y. [Qatar]

10:20 IS-PM15-1
DOES ALTITUDE TRAINING ACTUALLY IMPROVE ENDURANCE PERFORMANCE IN ATHLETES? A CRITICAL REVIEW OF THE DIFFERENT METHODS
Robach, P. [France]

10:50 IS-PM15-2
SANGUINE ALTITUDE – OVERLY OPTIMISTIC OR DOES THE EVIDENCE STACK UP?
Gore, C. [Australia]

11:20 IS-PM15-3
INNOVATIONS IN HYPOXIC TRAINING TO MAXIMIZE PHYSICAL PERFORMANCE: FROM ENDURANCE ATHLETES... TO TEAM-SPORT PLAYERS... TOWARD PATIENTS
Millet, G. [Switzerland]

High Live 4

IS-BN08

MENTAL AND COGNITIVE TRAINING: IMPORTANCE FOR SKILL LEARNING, REHABILITATION AND SPORTS ACTIVITIES – MECHANISMS AND APPLICATIONS

Chair(s):
Zijdewind, I. [Netherlands]

10:20 IS-BN08-1
MINOR EFFECTS OF A FATIGUING RECUMBENT CYCLING TASK ON FATIGABILITY OF A HAND MUSCLE
Zijdewind, I. et al [Netherlands]

10:50 IS-BN08-2
MENTAL TRAINING OF FINE MOTOR SKILLS
Leukel, C. et al [Germany]

11:20 IS-BN08-3
IMPACT OF COMPUTERIZED COGNITIVE TRAINING DURING PERIODS OF INACTIVITY
Marusic, U. [Slovenia]

11:50 IS-BN08-4
EFFECT OF MOTOR IMAGERY AND MOVEMENT OBSERVATION ON POSTURAL CONTROL AND SENSORIMOTOR FUNCTION OF THE CERVICAL SPINE
Taube, W. [Switzerland]

Live 1

IS-BN01

DIGITAL SUPPORT SYSTEMS IN RECREATIONAL AND ELITE SPORTS

Chair(s):
Sjøgaard, G. [Denmark]

10:20 IS-BN01-1
TECHNICAL SUPPORT SYSTEMS IN SPORTS: ADAPTED TO INDIVIDUAL NEEDS
Wolf, P. et al [Switzerland]

10:50 IS-BN01-2
WEARABLE COMPUTING SYSTEMS FOR RECREATIONAL AND ELITE SPORTS
Eskofier, B. [Germany]

11:20 IS-BN01-3
TOWARDS INTELLIGENT FEEDBACK SYSTEMS
Baca, A. [Austria]

Live 2

IS-SH07

Lars Magnus Engström Memorial Session

Chair(s):
Larsson, H. [Sweden]

10:20 IS-SH07-1
A PHILOSOPHICAL PERSPECTIVE ON THE RELATIONSHIP BETWEEN THE LOGIC OF SPORT AND THE ETHICS OF SPORT.
Schneider, A. [Canada]

10:50 IS-SH07-2
THE LOGICS OF PRACTICE IN SPORTS – OUTLINE OF A THEORY
Larsson, H. [Sweden]

11:20 IS-SH07-3
THE LOGIC OF SPORT AND THE PRACTICE OF SPORT
Parry, J. [Czech Republic]

Live 3

OP-SH10

Psychology (Training and Exercise)

Chair(s):
Balaguer, I. [Spain]
Granér, S. [Sweden]

10:20 OP-SH10-1
PERSPECTIVES ON TRAINING APPLIED SPORT PSYCHOLOGISTS IN AUSTRALIA
Marchant, D. [Australia]

10:35 OP-SH10-2
10-YEAR CUMULATIVE AND BIDIRECTIONAL ASSOCIATIONS OF PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOUR DOMAINS WITH HEALTH-RELATED QUALITY OF LIFE IN FRENCH ADULTS
Omorou, A. et al [France]

10:50 OP-SH10-3
INVESTIGATING THE INTERACTION BETWEEN THE BIG-FIVE AND DISPOSITIONAL COPING IN SPORT
Kaiseler, M. et al [United Kingdom]

11:05 OP-SH10-4
COMPETENCES REQUIRED BY ELITE ATHLETES IN TERTIARY EDUCATION
De Brandt, K. et al [Belgium]

Live 4

OP-PM47

Training & Testing: Fatigue II

Chair(s):
Knez, W. [Sweden]
Fritzdorf, S. [Sweden]

10:20 OP-PM47-1
THE IMPACT OF A 3 WEEKS DETRAINING PERIOD ON FOREARM MUSCLE PERFUSION AND OXYGENATION IN MALE AND FEMALE ROWERS DURING INCREMENTAL HANDGRIP EXERCISE
Celie, B. et al [Belgium]

10:35 OP-PM47-2
MUSCLE TISSUE DESATURATION IN TRAINED MALE AND FEMALE CYCLISTS
van der Zwaard, S. et al [Netherlands]

10:50 OP-PM47-3
MAXIMAL AEROBIC POWER ASSESSMENT FOR PERFORMANCE: SHOULD WE CONSIDER SKELETAL MUSCLE OXYGENATION AND MINUTE VENTILATION?
Lajoie, C. et al [Canada]

11:05 OP-PM47-4
USING DIFFERENTIAL RATINGS OF PERCEIVED EXERTION TO MEASURE INTERNAL LOAD
McLaren, S.J. et al [United Kingdom]

11:20 OP-PM47-5
FASTER HEART RATE RECOVERY WITH INCREASED RPE LEVELS AFTER AN 87 KM ULTRA-MARATHON: PARADOXICAL FINDINGS WITH IMPLICATIONS FOR MONITORING ATHLETES
Lamberts, R.P. et al [South Africa]

11:35 OP-PM47-6
MEASURING THE FATIGUE EFFECT ON ICE HOCKEY SKILLS DURING A TESTING PROTOCOL CONDUCTED AMONG ELITE HOCKEY PLAYERS
Lemoyne, J. et al [Canada]

Live 5

OP-PM75

Molecular Biology and Biochemistry

Chair(s):
Holm, L. [Denmark]

10:20 OP-PM75-1
RELIABILITY OF TRUNK MUSCLE ELECTROMYOGRAPHY DURING LOADED BACK SQUAT EXERCISE.
Clark, D. et al [Ireland]

10:35 OP-PM75-2
NEUROMUSCULAR FATIGUE DURING LOW-INTENSITY ISOMETRIC EXERCISE WITH BLOOD FLOW RESTRICTION
Brandner, C. et al [Australia]

10:50 OP-PM75-3
LONG-RANGE CORRELATIONS IN THE FLUCTUATIONS OF STANCE, SWING AND DOUBLE-SUPPORT TIMES IN NORMAL WALKING
Mickel, C. et al [Germany]

11:05 OP-PM75-4
CORTICAL CONTROL OF GAIT FUNCTION IN PEOPLE WITH PARKINSON'S DISEASE: A PILOT STUDY
Roeder, L. et al [Australia]

11:20 OP-PM75-5
EFFECTS OF ECCENTRIC WORKLOADS ON MUSCLE MICROCIRCULATION AND NEUROMECHANICAL CHARACTERISTICS OF THE KNEE EXTENSOR MUSCLES
Yin, N. et al [Taiwan]

Live 6**OP-PM53****Health & Fitness: Lifestyle II**

Chair(s):

Eek, F. [Sweden]

Knez, K. [Sweden]

10:20 OP-PM53-1
THE EFFECT OF DIFFERENT EXERCISE TYPES ON BODY COMPOSITION IN YOUNG ADULTS
Drenowatz, C. et al [United States]

10:35 OP-PM53-2
ADULT PARTICIPATION IN PHYSICAL ACTIVITY AND MUSCLE STRENGTHENING EXERCISES: RESULTS FROM THE AUSTRALIAN NATIONAL NUTRITION AND PHYSICAL ACTIVITY SURVEY
Bennie, J.A. et al [Australia]

10:50 OP-PM53-3
DEVIATION BETWEEN SELF-REPORTED AND MEASURED OCCUPATIONAL PHYSICAL ACTIVITY LEVELS IN OFFICE EMPLOYEES: EFFECTS OF AGE AND BODY-COMPOSITION
Donath, L. et al [Switzerland]

11:05 OP-PM53-4
OBJECTIVELY MEASURED PHYSICAL ACTIVITY IN A WEB-BASED INTERVENTION ON PERSONALIZED NUTRITION: FINDINGS OF THE FOOD4ME STUDY
Marsaux, C. [Netherlands]

11:20 OP-PM53-5
STUDY ON INNOVATIONS OF SPORT FOR ALL MANAGEMENT IN CHINA
Wang, Y. [China]

Live 7**OP-PM55****Health & Fitness: Obesity**

Chair(s):

Vikman, J. [Sweden]

Van Lieshout, J. [Netherlands]

10:35 OP-PM55-2
CUT-OFF POINTS OF HEALTH-RELATED FITNESS ASSOCIATED WITH METABOLIC SYNDROME IN KOREAN MEN AND WOMEN
Park, S. et al [Korea, South]

10:50 OP-PM55-3
IMPROVEMENT IN QUALITY OF LIFE AFTER INTENSIVE LIFESTYLE INTERVENTION IS RELATED TO MAINTENANCE OF WEIGHT LOSS
Nielsen, M. et al [Denmark]

11:05 OP-PM55-4
GASTRIC BYPASS PATIENTS DO NOT CHANGE EXERCISE HABITS AFTER SURGERY
Lund, M.T. et al [Denmark]

Live 8**OP-BN09****Biomechanics Mixed session**

Chair(s):

Linnamo, V. [Finland]

Hettinga, F. [United Kingdom]

10:20 OP-BN09-1
THE MECHANICAL POWER OUTPUT – VELOCITY CURVE OF THE VELOTRON CYCLING ERGOMETER, AND ITS RELEVANCE FOR CYCLING PERFORMANCE AND PACING RESEARCH.
Schoenmakers, P.P.J.M. et al [United Kingdom]

10:35 OP-BN09-2
ENERGY COSTS AND LEG MUSCLE ACTIVITIES IN ASCENDING STAIRS
Halder, A. et al [Sweden]

OP-BN09-3

MOTOR UNIT FIRING RATE RESPONSES TO ECCENTRIC EXERCISE-INDUCED MUSCLE DAMAGE
Macgregor, L. [United Kingdom]

Live 10**OP-SH25****Sociology (Sport and gender)**

Chair(s):

Fasting, K. [Norway]

Fundberg, J. [Sweden]

10:20 OP-SH25-1
TRANSCENDING GENDER HIERARCHIES? YOUNG PEOPLE AND FLOORBALL IN SWEDISH SCHOOL SPORT
Larneby, M. [Sweden]

10:35 OP-SH25-2
THE ROLE OF EMOTIONAL RELATIONS IN ADVANCING GENDER EQUALITY IN SPORT GOVERNANCE
Adriaanse, J. [Australia]

10:50 OP-SH25-3
THE IMPACT OF GENDER QUOTAS IN SPORT LEADERSHIP IN NORWAY
Sisjord, M.K. et al [Norway]

11:05 OP-SH25-4
DISTRIBUTIONAL LOGICS OF THE SWEDISH OLYMPIC COMMITTEE
Hellborg, A. [Sweden]

11:20 OP-SH25-5
EMANCIPATING MOVEMENTS: AN INVESTIGATION OF FEMALE PARTICIPANTS' EXPERIENCES OF FITNESS PRACTICES THROUGH COLLECTIVE MEMORY WORK
Bladh, G. [Sweden]

Mini-Oral Presentations

Wednesday, June 24th

13:00 - 14:00

MO-PM01 Training & Testing

LECTURE ROOM: HIGH LIVE 1

Chair(s):

Wagner, H. [Austria]
Hettinga, F. [United Kingdom]

MO-PM01-1 [YIA]
RISK FACTORS FOR ANKLE SPRAINS SUSTAINED DURING NETBALL PARTICIPATION
Attenborough, A.S. et al [Australia]

MO-PM01-2 [YIA]
EFFECTS OF UNSPECIFIC ENDURANCE EXERCISE ON SPECIFIC SPRINT PERFORMANCE IN INLINE SPEED SKATING
Stangier, C. et al [Germany]

MO-PM01-3 [YIA]
THE IMPACT OF DATA AVERAGING STRATEGIES ON VO2MAX
Martin-Rincon, M. et al [Spain]

MO-PM01-4 [YIA]
INFLUENCE OF A DIFFERENT FAMILIARISATION ON TIME TRIAL PACING IN NOVICE PARTICIPANTS
Hibbert, A.W. et al [Australia]

MO-PM01-5 [YIA]
HIGH-INTENSITY DISTANCE IN ELITE FEMALE SOCCER PLAYERS BASED ON A GENDER-SPECIFIC THRESHOLD
Bellistri, G. et al [Italy]

MO-PM01-6 [YIA]
ASSOCIATIONS BETWEEN VARIOUS INTENSITIES OF PHYSICAL ACTIVITY AND PHYSICAL FITNESS IN ADOLESCENTS
Kidokoro, T. et al [Japan]

MO-PM01-7 [YIA]
THE CONTRIBUTION OF SKELETAL MUSCLE VOLUME AND ARCHITECTURE TO SOCCER-SPECIFIC POWER IN ELITE AND RECREATIONAL YOUTH

SOCCER PLAYERS
Murtagh, C.F. et al [United Kingdom]

MO-BN01 Motor learning & Biomechanics

LECTURE ROOM: HIGH LIVE 4

Chair(s):

Taube, W. [Switzerland]
Federalof, P. [Norway]

MO-BN01-1 [YIA]
ATTENTION CONTRIBUTES TO LOW FIDELITY IMITATION OF BIOLOGICAL KINEMATICS IN AUTISM SPECTRUM DISORDERS
Andrew, M. et al [United Kingdom]

MO-BN01-2 [YIA]
AGE RELATED DEPENDENCY ON VISUAL INPUT IN ORDER TO MENTALLY SIMULATE POSTURAL TASKS: AN FMRI STUDY
Mouthon, A. et al [Switzerland]

MO-BN01-3 [YIA]
COMPARISON OF MUSCLE SYNERGIES DURING TREADMILL RUNNING BETWEEN DIFFERENT FOOT STRIKE PATTERNS
Nishida, K. et al [Japan]

MO-BN01-4 [YIA]
POSTACTIVATION POTENTIATION INDUCED BY REACTIVE JUMPS COUNTERACTS STRETCH-INDUCED MUSCLE TWITCH DECLINES IN THE TRICEPS SURAE MUSCLE
Kümmel, J. et al [Germany]

MO-BN01-5 [YIA]
KNEE MUSCLE TENDON COMPLEX FORCES RATIO AND BIOMECHANICAL ANALYSIS IN SQUATTING
Berdajs, M. et al [Slovenia]

MO-BN01-6 [YIA]
A DESCRIPTIVE OBSERVATIONAL STUDY OF STROKE CHARACTERISTICS IN TEAM BOAT <K2> SPRINT KAYAKING
Tay, C.S. et al [Singapore]

MO-BN01-7 [YIA]
MECHANICAL AND MORPHOLOGICAL PROPERTIES OF THE HUMAN QUADRICEPS MUSCLE-TENDON UNIT AFTER WHOLE-BODY VIBRATION

TRAINING
Rieder, F. et al [Austria]

MO-BN01-8 [YIA]
INTERACTION BETWEEN HIP ANGLE, KNEE ANGLE AND KNEE ANGULAR VELOCITY WHEN MEASURING ISOKINETIC KNEE TORQUE
Jongerius, N. et al [United Kingdom]

MO-PM03 Muscle, Molecular Biology and Biochemistry

LECTURE ROOM: LIVE 1

Chair(s):

Murphy, R. [Australia]
Raastad, T. [Norway]

MO-PM03-1 [YIA]
EXERCISE INDUCES ADAPTIVE GENE EXPRESSION THROUGH NOX2-DEPENDENT REACTIVE OXYGEN SPECIES IN SKELETAL MUSCLE.
Henríquez-Olguín, C. et al [Chile]

MO-PM03-2 [YIA]
MYOSIN HEAVY-CHAIN 2X EXPRESSION INTERACTS WITH ACUTE REGULATION OF PGC-1ALPHA SPLICED-4 FOLLOWING STRENGTH EXERCISE WITH LOW AND MODERATE VOLUME
Hammarström, D. et al [Norway]

MO-PM03-3 [YIA]
ASSOCIATION BETWEEN THE IGF2/ACE GENOTYPE COMBINATION AND JUDO STATUS
Itaka, T. et al [Japan]

MO-PM03-4 [YIA]
ACTOVEGIN, A NON-PROHIBITED DRUG, MAKES HUMAN SKELETAL MUSCLE MORE OXIDATIVE
Søndergård, S. et al [Denmark]

MO-PM03-5 [YIA]
TWO BLOCKS OF HIGH FREQUENCY LOW-LOAD BLOOD FLOW RESTRICTED RESISTANCE EXERCISE INCREASED MYONUCLEAR NUMBER IN TYPE 1 FIBERS IN NATIONAL LEVEL POWERLIFTERS
Bækken, L. et al [Norway]

MO-SH01 Social Sciences and Humanities in Sport

LECTURE ROOM: LIVE 2

Chair(s):

Fasting, K. [Norway]
Henrik, G. [Sweden]

MO-SH01-1 [YIA]
DROPOUT IN GERMAN AGE-GROUP SWIMMING
Staub, I. et al [Germany]

MO-SH01-2 [YIA]
COACH LEADERSHIP AND GENDER IN NORWEGIAN AMATEUR BOXING
Tjøndal, A. [Norway]

MO-SH01-3 [YIA]
INCREASED PHYSICAL ACTIVITY IN SCHOOL IMPROVES SCHOOL RESULTS IN BOYS
Fritz, J. et al [Sweden]

MO-SH01-4 [YIA]
DEVELOPMENT OF EXCELLENCE IN YOUNG NORWEGIAN ATHLETES - THE IMPORTANCE OF SELF-DETERMINED MOTIVATION AND SELF-REGULATORY COMPETENCIES
Jordalen, G. et al [Norway]

MO-SH01-5 [YIA]
THE MEDIATION ROLE OF BARRIER EFFICACY WITHIN TASK EFFICACY-PHYSICAL ACTIVITY AND ENJOYMENT-PHYSICAL ACTIVITY RELATIONSHIP
Zhang, S. et al [Hong Kong]

MO-SH01-6 [YIA]
INFELDERS OF BASEBALL AND SOFTBALL HAVE AN OUTSTANDING PERFORMANCE ON ATTENTION SHIFTING TASK
Chiang, C. et al [Taiwan]

MO-SH04 Psychology I

LECTURE ROOM: LIVE 3

Chair(s):

Johnson, U. [Sweden]
Hutter, V. [Netherlands]

MO-SH04-1
PHYSICAL ACTIVITY INTENSION MODEL THROUGH EXTRAVERSION AND NEUROTICISM TRAIT OF PERSONALITY AND BODY IMAGE
Naritasari, I. et al [Indonesia]

MO-SH04-2
THE IMPORTANCE OF SELF-REGULATION IN ATHLETE DEVELOPMENT
Green, D.K. et al [Australia]

MO-SH04-3
PSYCHOLOGICAL ASPECTS, INFLAMMATORY AND INJURY BIOMARKERS AFTER THE SÃO PAULO INTERNATIONAL MARATHON
Jones, J. et al [Brazil]

MO-SH04-4
THE ROAD TO SUCCESS: ANALYSING THE PROGRESSION OF MALE HANDBALL PLAYERS AND CONSTANT YEAR EFFECT IN DANISH NATIONAL TEAMS.
Lilholt, R.M. et al [Denmark]

MO-SH04-5
SPORT INJURY PERCEPTIONS AND COPING STRATEGIES: A STUDY WITH MALE YOUTH SOCCER PLAYERS OF BELGIAN ELITE TEAMS
De Cuyper, B. et al [Belgium]

MO-SH04-6
VARIATION OF BURNOUT AND SELF-ESTEEM IN ACCORDANCE WITH SPORTS EXPERIENCE
Cantu-Berrueto, A. et al [Mexico]

MO-SH04-7
BURNOUT CORRELATES IN GRASSROOTS FOOTBALL COACHES: PERFECTIONISM AND UNCONDITIONAL SELF-ACCEPTANCE
Castillo, I. et al [Spain]

MO-SH04-8
EXERCISE FOR CLINICAL DEPRESSION: A SYSTEMATIC REVIEW ANALYZING SEVERAL QUESTIONS
Carneiro, L. et al [Portugal]

MO-PM07 Adapted physical activity: Challenges

LECTURE ROOM: LIVE 4

Chair(s):

Fundberg, J. [Sweden]
Ericsson, I. [Sweden]

MO-PM07-1
AEROBIC 3-MONTH PHYSICAL ACTIVITY PROGRAM IN BREAST CANCER SURVIVORS: EFFECTS ON SLEEP BEHAVIOR, ANTHROPOMETRIC INDICES OF ADIPOSITY AND FASTING GLUCOSE METABOLISM.
Vitale, J.A. et al [Italy]

MO-PM07-2
DEVELOPMENT OF A TWO-PART EXERCISE MODEL TO ENHANCE PHYSICAL ACTIVITY LEVELS IN PEDI-
ATRIC CANCER PATIENTS DURING ACUTE CANCER TREATMENT
Götte, M. et al [Germany]

MO-PM07-3
IMPACT OF A SOCIAL MEDIA EXERCISE SERVICE ON PHYSICAL FITNESS, PHYSICAL ACTIVITY, WELL-BEING AND BODY WEIGHT
Santtila, M. et al [Finland]

MO-PM07-4
ETHNIC DIFFERENCES IN MODERATE-TO-VIGOROUS PHYSICAL ACTIVITY IN PREGNANCY AND POSTPARTUM
Richardson, K.R. et al [Norway]

MO-BN04 Mixed

LECTURE ROOM: LIVE 5
Chair(s):
Linnamo, V. [Finland]
Hodson-Tole, E. [United Kingdom]

MO-BN04-1
BIOMECHANICAL ASSESSMENT OF SWISS PRESS HANDSTAND TECHNIQUE IN COLLEGIATE MALE GYMNASTS.
Kashiwagi, Y. et al [Japan]

MO-BN04-2
SPRINGY BEHAVIOR OF THE LONGITUDINAL FOOT ARCH DURING ANKLE BENDING EXERCISE AT DIFFERENT MOVEMENT FREQUENCIES
Iwanuma, S. et al [Japan]

MO-BN04-3
RUNNING PATTERN ADJUSTMENTS DURING UNWEIGHING AND RELOADING TRANSITION PHASES
Chavet, P. et al [France]

MO-PM06 Adapted physical activity: Sport & disability

LECTURE ROOM: LIVE 6
Chair(s):
Sörensen, M. [Norway]
Perret, C. [Switzerland]

MO-PM06-1
CARDIORESPIRATORY RESPONSE DURING WHEELCHAIR DANCE AND AUTONOMOUS REGULATION IN BEDRIDDEN INDIVIDUALS
Terada, K. et al [Japan]

MO-PM06-2
COMPARISON OF ADAPTIVE AND COMPETITIVE SWIMMING INSTRUCTORS
Bokor, J. [Hungary]

MO-PM06-3
FUNDAMENTAL MOVEMENT SKILLS MASTERY OF BOYS WITH AND WITHOUT INTELLECTUAL DISABILITY IN THE PHILIPPINES
Eguia, K.F. et al [Philippines]

MO-PM06-4
THE EFFECTS OF SKIN SCUBA PROGRAM ON CONCENTRATION AND SELF-REGULATION OF AUTISTIC CHILDREN
Hwang, Y.S. et al [Korea, South]

MO-PM11 Health & Fitness: Age

LECTURE ROOM: LIVE 7
Chair(s):
Jakobi, J. [Canada]
Sipila, S. [Finland]

MO-PM11-1
CHANGES IN FIRE FIGHTER FITNESS AND PERFORMANCE OVER AN 18 YEAR PERIOD
Williford, H. et al [United States]

MO-PM11-2
DIVERSITY OF ADOLESCENTS' SPORT PARTICIPATION AS A PREDICTOR OF LEISURE-TIME PHYSICAL ACTIVITY IN ADULTHOOD
Mäkelä, S. et al [Finland]

MO-PM11-3
THE SEASONAL-RELATED VARIATION ON PHYSICAL FITNESS IN AGED POPULATION
Bezerra, P. et al [Portugal]

MO-PM11-4
EFFECTS OF CIRCUIT TRAINING ON PHYSICAL PERFORMANCE, BODY COMPOSITION FOR THE FRAIL ELDERLY LIVING IN A RESIDENTIAL CARE FACILITY
Hou, M.T. et al [Taiwan]

MO-PM11-5
EFFECTS OF 12 WEEKS OF MULTI-COMPONENT VS. WBV TRAINING ON STRENGTH IN POSTMENOPAUSAL WOMEN
Alcaraz, P.E. et al [Spain]

MO-PM11-6
FACILITATING DAILY PHYSICAL ACTIVITY, COGNITIVE EXECUTIVE FUNCTION, AND MENTAL HEALTH AMONG ELDERLY PEOPLE: A ONE-YEAR INTERVENTION
Kimura, K. et al [Japan]

MO-PM11-7
THE EFFECTS OF RESISTANCE, AEROBIC AND COMBINED TRAINING AND DETRAINING ON MUSCLE STRENGTH IN CORONARY ARTERY DISEASED PATIENTS
Panayiotou, G. et al [Cyprus]

MO-PM11-8
PARTICIPATION OF SENIORS IN LONG-DISTANCE RUNNING RACES IN POLAND AND SWEDEN.
Czajka, K. et al [Poland]

MO-PM11-9
APPLICABILITY OF ULTRASOUND MUSCLE THICKNESS MEASUREMENTS FOR PREDICTING QUADRICEPS FEMORIS MUSCLE VOLUME IN MIDDLE-AGED AND ELDERLY POPULATION.
Nakatani, M. et al [Japan]

MO-PM11-10
COMPARISON OF POLAR LOOP AND ACTIGRAPH ACTIVITY MONITORS IN DETECTING PHYSICAL ACTIVITY AND SEDENTARY TIME IN DAILY LIVING

AMONG ADULTS
Tanskanen, M.M. et al [Finland]

MO-BN06 Coaching: Mixed session

LECTURE ROOM: LIVE 8
Chair(s):
Redelius, K. [Sweden]
Fujita, S. [Japan]

MO-BN06-1
A STUDY ON NATIONAL QUALIFICATION TRAINING PROGRAMS FOR SPORTS INSTRUCTOR IN SOUTH KOREA
Kim, S.H. et al [Korea, South]

MO-BN06-2
TRAINING RELATED TO ALTERATIONS: POSTURAL ANALYSIS AND BIOMECHANICS OF GAIT IN BALLET
Coppola, S. et al [Italy]

MO-BN06-3
WHAT IS HUMANISTIC LITERACY FOR COACHES?
Kim, J. [Korea, South]

MO-BN06-4
PASSIVE DRAG IN YOUNG SWIMMERS
Ciapparelli, C. et al [Italy]

MO-BN06-5
EFFECT OF HAND PADDLES ON INTRA-ABDOMINAL PRESSURE DURING MAXIMAL FRONT CRAWL SWIMMING
Moriyama, S. et al [Japan]

MO-BN06-6
BASKETBALL GAMES LOAD MEASUREMENT USING COMMERCIAL ACCELEROMETRY
Moreno, D. et al [Spain]

MO-BN06-7
CONTACT TECHNIQUE AND CONCUSSIONS IN THE SOUTH AFRICAN UNDER-18 COCA-COLA CRAVEN WEEK RUGBY TOURNAMENT
Hendricks, S. et al [South Africa]

MO-BN06-8
FROM MILITARY NORMS TO INDIVIDUAL COACHING: A CHANGING EDUCATIONAL DISCOURSE AS

AN ANSWER TO COMMERCIAL CHALLENGES IN SWEDISH RIDING SCHOOLS
Thorell, G. et al [Sweden]

MO-BN06-9
GOLF - PATHWAYS AND SCORES, CLUBS AND HOLES
Brito, A. et al [Portugal]

MO-SH02 Physical Education and Pedagogics I

LECTURE ROOM: LIVE 10
Chair(s):
Larsson, H. [Sweden]
Pfister, G. [Denmark]

MO-SH02-1
EFFECT OF USING VISUAL INFORMATION IN SELF-CHECK STYLE ON GRAB START SKILL RETENTION, KNOWLEDGE, AND ANXIETY LEVEL.
Coşkun, H. [Turkey]

MO-SH02-2
DANCE PERFORMANCES ON SPORTS DAY IN JAPANESE SCHOOLS
Hatano, Y. [Japan]

MO-SH02-3
EMPIRICAL RESEARCH ON THE DEVELOPMENTAL LEVEL AND DOMAIN OF SPORTSMANSHIP
Park, J. [Korea, South]

MO-SH02-4
RELATIONS OF PHYSICAL ACTIVITY LEVEL AND MOTOR COMPETENCE OF CHILDREN AGED TEN
Serbetar, I. [Croatia]

MO-SH02-5
MARTIAL ARTS AND COMBAT SPORTS AS SCHOOL EDUCATION SUBJECT
Correia, W. [Brazil]

Mini-Oral Presentations

Wednesday, June 24th

14:00 - 15:00

MO-PM02 Nutrition, training adaptation and performance

LECTURE ROOM: HIGH LIVE 1
Chair(s):
Cotter, J. [New Zealand]
Wall, B. [United Kingdom]

MO-PM02-1 [YIA]
EFFECT OF PROTEIN SUPPLEMENTATION ON MUSCULAR ADAPTATIONS IN RESPONSE TO STRENGTH TRAINING IN ELDERLY ADULTS.
Stragier, S. et al [Belgium]

MO-PM02-2 [YIA]
CAFFEINE AND EXERCISE PERFORMANCE IN ALTITUDE
Stadheim, H.K. et al [Norway]

MO-PM02-3 [YIA]
COMBINED INGESTION OF GLUCOSE AND FRUCTOSE DOES NOT FURTHER ACCELERATE POST-EXERCISE MUSCLE GLYCOGEN REPLETION IN TRAINED CYCLISTS
Trommelen, J. et al [Netherlands]

MO-PM02-4 [YIA]
SUPPLEMENTATION WITH MILK PROTEIN PROMOTES SIMILAR CHANGES IN STRENGTH AND MUSCLE MASS AS ISOCALORIC SUPPLEMENTATION OF NATIVE WHEY DURING 11 WEEKS OF STRENGTH TRAINING IN ELDERLY
Johansen, M. et al [Norway]

MO-PM02-5 [YIA]
DIETARY DETERMINANTS OF THE MAXIMAL CAPACITY FOR FAT OXIDATION DURING EXERCISE
Fletcher, G. et al [United Kingdom]

MO-PM02-6 [YIA]
EFFECTS OF DIFFERENT TIMING OF ICE SLURRY INGESTION BEFORE EXERCISE ON ENDURANCE EXERCISE CAPACITY AND THERMOREGULATION
Takeshima, K. et al [Japan]

MO-PM02-7 [YIA]
THE INFLUENCE OF BEETROOT JUICE ON RECOVERY FROM A SINGLE BOUT OF STRENUOUS EXERCISE
Clifford, T. et al [United Kingdom]

MO-PM02-8 [YIA]
ACUTE EFFECTS OF GUM CHEWING AND HIGH INTENSITY EXERCISE ON APPETITE-REGULATING HORMONES AND ENERGY INTAKE
Kashiwabara, K. et al [Japan]

MO-BN03 Kinematics

LECTURE ROOM: HIGH LIVE 4
Chair(s):
Svensson, I. [Sweden]
Federolf, P. [Norway]

MO-BN03-1
SPECIFIC BIOMECHANICAL DIFFERENCES EXIST ACROSS SKILL LEVELS FOR HIGH VELOCITY FOOTBALL KICKS
Bauer, M. et al [Canada]

MO-BN03-2
DIFFERENCES IN RANGE OF MOTION AND FEET PRESSURE BETWEEN SKIING WITH AND WITHOUT RIFLE IN FEMALE BIATHLETES.
Jonsson, M. et al [Sweden]

MO-BN03-3
GAIT ANALYSIS OF OBESE ADOLESCENT'S UPHILL WALK: KINEMATIC AND KINETIC ADAPTATIONS COMPARED TO NORMAL WEIGHT ADOLESCENTS
Strutzenberger, G. et al [Austria]

MO-BN03-4
DAILY CHANGES OF INDIVIDUAL GAIT PATTERNS
Horst, F. et al [Germany]

MO-BN03-5
A KINEMATIC COMPARISON OF NON-MOTORIZED TREADMILL AND OVERGROUND WALKING
Hirano, T. et al [Japan]

MO-BN03-6
USE OF MOTION CAPTURE SYSTEM IN RUSSIAN TEAMS TRAINING FOR SOCHI OLYMPIC GAMES
Shestakov, M. [Russia]

MO-BN03-7
ALGORITHM FOR BIOMECHANICAL RESEARCH OF A COMPETITIVE ROUTINE IN TRAMPOLINE
Angelov, V. [Bulgaria]

MO-BN03-8
EFFECT OF BODY MASS ON KINETIC VARIABLES DURING A BASKETBALL LAYUP
Nin, Z.D. et al [Singapore]

MO-PM05 Oxygen transport, VO2max and energy expenditure

LECTURE ROOM: LIVE 1
Chair(s):
Close, G. [United Kingdom]
Nordsborg, N. [Denmark]

MO-PM05-1 [YIA]
OXYGEN TRANSPORT, DIFFUSION AND UTILIZATION DURING SPRINT EXERCISE IN HUMANS
Pérez-Suárez, I. et al [Spain]

MO-PM05-2 [YIA]
ENERGY COST OF BACKWARD RUNNING AT POSITIVE GRADIENTS
Rasica, L. et al [Italy]

MO-PM05-3 [YIA]
IS THE VO2MAX INTENSITY AN EFFECTIVE STIMULUS FOR THE 2000M ROWING RACE?
Sousa, A. et al [Portugal]

MO-PM05-4 [YIA]
VALIDITY OF THE DETERMINATION OF ENERGY COSTS DURING A SOCCER SPECIFIC INTERMITTENT SHUTTLE RUN TEST BY MEANS OF METABOLIC POWER CALCULATION - A PILOT STUDY
Venzke, J. et al [Germany]

MO-PM05-5 [YIA]
EFFECTS OF 8 - WEEK HIGH INTENSITY INTERVAL TRAINING <HIT> ON ANAEROBIC AND AEROBIC CAPACITY IN TAEKWON-DO ITF ATHLETES
Batra, A. et al [Poland]

MO-PM05-6 [YIA]
DETERMINATION OF ENERGY COSTS DURING TWO-DIRECTIONAL MULTI-STAGE SHUTTLE RUN-

NING USING A NOVEL CALCULATION - A PILOT STUDY
Kirmse, M. et al [Germany]

MO-SH06 Philosophy & Ethics

LECTURE ROOM: LIVE 2
Chair(s):
Rial, C. [Brazil]
Parry, J. [Czech Republic]

MO-SH06-1
ETHICAL VALUE OF ORIENTAL MARTIAL ARTS
Oh, J.D. et al [Korea, South]

MO-SH06-3
RESEARCH REGARDING THE OCCURRENCE OF NEW ELEMENTS FOR VAULTING TABLE PERFORMANCE IN MEN'S ARTISTIC GYMNASTICS
Nakasone, M. [Japan]

MO-SH06-4
KUNG FU CANTON: CULTURE OF MARTIAL ARTS IN GUANGDONG, CHINA
Guo, Y. et al [China]

MO-SH05 Psychology II

LECTURE ROOM: LIVE 3
Chair(s):
Fryklund, S. [Sweden]
Henrik, G. [Sweden]

MO-SH05-1
DEVELOPMENT OF THE CHINESE VERSION OF THE SPORT MOTIVATION SCALE-II: A PILOT STUDY
Li, C. [Hong Kong]

MO-SH05-2
PARTICIPANT MOTIVATION: A COMPARISON ACROSS WORLD MASTERS INTERNATIONAL COMPETITIONS
Heazlewood, I. [Australia]

MO-SH05-3
PSYCHOPHYSIOLOGICAL AROUSAL, INDIVIDUAL DIFFERENCES AND PERFORMANCE IN ATHLETES
Üngür, G. et al [Turkey]

MO-SH05-4
TO BE IN THE ZONE - MEASUREMENT OF STRESS LEVEL WITH EGG THROUGH ELITE MX ATHLETES
Balogh, L. et al [Hungary]

MO-SH05-5
HYPERTHERMIA-INDUCED ALTERATION IN COMPLEX COGNITIVE TASK PERFORMANCE IS REVERSED BY 11 DAYS OF HEAT ACCLIMATION
Gaoua, N. et al [United Kingdom]

MO-SH05-6
ACUTE PHYSICAL EXERCISE PERFORMED IN HYPOXIC CONDITIONS IMPROVES EXECUTIVE FUNCTIONS
De Mello, M.T. et al [Brazil]

MO-SH05-7
THE EFFECT OF MANIPULATING EXERCISE INTENSITY AND SPEED - ACCURACY INSTRUCTIONS ON COGNITIVE PERFORMANCE
Joyce, J. et al [United Kingdom]

MO-PM08 Adapted physical activity: Disabilities

LECTURE ROOM: LIVE 4
Chair(s):
Magnusson, P. [Denmark]
Drake, A. [Sweden]

MO-PM08-1
EFFECTS OF STRENUOUS EXERCISE ON SALIVARY HUMAN NEUTROPHIL PEPTIDES 1-3 AND BLOOD NEUTROPHILS IN YOUNG MALE SUBJECTS
Hanaoka, Y. et al [Japan]

MO-PM08-2
INSTRUMENTAL ANALYSIS AS A SUPPORT FOR THE EVALUATION SCALES USED IN GAIT ANALYSIS
Viscione, I. et al [Italy]

MO-PM08-3
RELIABILITY AND VALIDITY OF THE CHINESE VERSION OF THE PREGNANCY PHYSICAL ACTIVITY QUESTIONNAIRE
Mi, X. et al [Japan]

MO-PM08-4
THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY, PHYSICAL FITNESS AND OVERWEIGHT AND OBESITY IN CHILDHOOD
Maxhuni, K. et al [Kosovo]

MO-PM08-5
THE ELEVATION OF SERUM IRISIN LEVEL AFTER SINGLE BOUT OF EXERCISE DOES NOT MODULATE DIET-INDUCED THERMOGENESIS IN HEALTHY YOUNG ADULTS.
Naghavi, N. et al [Japan]

MO-BN05 Motor learning

LECTURE ROOM: LIVE 5
Chair(s):
Taube, W. [Switzerland]
Nicol, C. [France]

MO-BN05-1
ANALYSIS OF THE NO RETURN OF POINT HYPOTHESIS: THE EFFECT OF AUDIO AND VISUAL STIMULI IN THE FAST MOVEMENTS INHIBITION
Saberi Kakhki, A. et al [Iran]

MO-BN05-2
CHANGES IN COORDINATION DURING LEARNING A GYMNASTICS SKILL
Williams, G.K.R. et al [United Kingdom]

MO-BN05-3
DO JUMP ABILITY, SPRINTING AND BALANCE INFLUENCE AGILITY OF JUNIOR HIGH AND HIGH SCHOOL FEMALE SOCCER PLAYERS?
Inoue, Y. [Japan]

MO-BN05-4
LEARNING MOVEMENT PHASES DURING EARLY STAGES OF MOTOR LEARNING
Ghorbani, S. et al [Iran]

MO-BN05-5
THE ROLE OF VIDEO MANIPULATION IN SKILL ACQUISITION
Crowther, R.G. et al [Australia]

MO-BN05-6
HOW TO MAXIMIZE PERFORMANCE? INFLUENCE OF COMBINING AUGMENTED FEEDBACK WITH AN EXTERNAL FOCUS OF ATTENTION AND WITH

REWARD
Wälchli, M. et al [Switzerland]

MO-BN05-7
BEHAVIORAL DIFFERENCES IN PRESCHOOL CHILDREN WITH VARYING LEVELS OF MOVEMENT ABILITY DURING FREE PLAY
Sasaki, R. et al [Japan]

MO-BN05-8
THE MOTOR PROFICIENCY OF ADOLESCENTS USING MABC-2 AGE BAND 3
Tan, S.Y.J. [Singapore]

MO-PM10 Adapted physical activity: Nutrition

LECTURE ROOM: LIVE 6
Chair(s):
Fujita, S. [Japan]
Ackesson, J. [Sweden]

MO-PM10-1
THE EFFECTS OF LOW AND HIGH CARBOHYDRATE DIET ON WEIGHT AND FAT LOSS DURING ENERGY RESTRICTION FOR ATHLETES IN SHORT-TERM
Toguchi, M. [Japan]

MO-PM10-2
LACTOTRIPEPTIDES SUPPLEMENTATION AFFECTS BRACHIAL ARTERIAL DIAMETER AND MAXIMAL ISOMETRIC FORCE FOLLOWING HIGH-INTENSITY ECCENTRIC EXERCISE.
Tagawa, K. et al [Japan]

MO-PM10-3
DOES CAFFEINE SUPPLEMENTATION LEAD TO DEHYDRATION IN TENNIS PERFORMANCE IN CAFFEINE-NAÏVE PLAYERS?
Mesquita, R. et al [Portugal]

MO-PM10-4
A SEVEN-DAY HIGH-FAT, HIGH-ENERGY DIET IMPAIRS GLYCAEMIC CONTROL BUT DOES NOT DISRUPT THE POSTPRANDIAL ACYLATED GHRELIN RESPONSE TO A MIXED MEAL
Parry, S. et al [United Kingdom]

MO-PM10-5
EFFECT OF LACTOFERRIN ON LIPOLYTIC ACTIVITY UPON CATECHOLAMINE STIMULATION IN 3T3-L1

ADIPOCYTES
Sakamoto, S. et al [Japan]

MO-PM10-6
LONG-TERM VITAMIN D3 SUPPLEMENTATION PREVENTS VITAMIN D DEFICIENCY
Backx, E. et al [Netherlands]

MO-PM10-7
INFLUENCE OF A 5-DAY FASTING PERIOD ON ISOMETRIC MAXIMAL STRENGTH AND JUMPING HEIGHT OF HEALTHY YOUNG ADULTS
Hentz, C. et al [Germany]

MO-PM10-8
CURCUMIN SUPPLEMENTATION LIKELY ATTENUATES DELAYED ONSET MUSCLE SORENESS <DOMS>
Rowlands, D. et al [New Zealand]

MO-PM10-9
COMPLEX SPORTS DRINK ENHANCES RECOVERY FROM PLYOMETRIC EXERCISE
Bargetto, M. et al [France]

MO-PM10-10
EFFECT OF FENUGREEK SEEDS <TRIGONELL FOENUM GREAEUCUM> DRIED POWDER ON GLYCOGEN RESYNTHESIS
Ataei, L. [Cyprus]

MO-PM12 Health & Fitness: Ageing, Gender, Strength

LECTURE ROOM: LIVE 7
Chair(s):
Sipila, S. [Finland]
WANG, H. [China]

MO-PM12-1
DIFFERENCE IN DUAL-TASK PERFORMANCE BETWEEN FALLERS AND NON-FALLERS IN OLDER PEOPLE
Brustio, P.R. et al [Italy]

MO-PM12-2
DEVELOPMENT OF ADJUSTABLE RESISTANCE MECHANISM TO PHYSICAL FITNESS EQUIPMENT FOR ELDERLY IN NEIGHBORHOOD PARKS.
Tai, T.Y. et al [Taiwan]

MO-PM12-3
ASSOCIATION BETWEEN SEDENTARY BEHAVIOR AND HEALTH VARIABLES IN ACTIVE BRAZILIAN ELDERLY
Nakamura, P. et al [Brazil]

MO-PM12-4
DIET AND FAST WALKING-BASED INTERVENTION TO TREAT OBESITY AND IMPROVE CARDIO-RESPIRATORY FITNESS
Bauer, P. [Austria]

MO-PM12-5
A TAILORED SUPERVISED EXERCISE PROGRAM REDUCES LOSS OF FAT-FREE MASS IN BARIATRIC SURGERY PATIENTS
Marc-Hernández, A. et al [Spain]

MO-PM12-6
KOREA YOUTH FITNESS CRITERION FOR OBESITY PREVENTION
Ko, B. et al [Korea, South]

MO-PM12-7
MORNINGNESS AND EVENINGNESS IN MAXIMAL STRENGTH PERFORMANCE
Küusmaa, M. et al [Finland]

MO-PM12-8
THE ACUTE EFFECT OF THREE DIFFERENT WARM-UP TYPES IN THE ELBOW MAXIMUM ISOMETRIC STRENGTH
Cheng, M.H. et al [Taiwan]

MO-PM12-9
EATING DISORDERS AND MENSTRUAL IRREGULARITIES AMONG FEMALE FOOTBALL PLAYERS IN HUNGARY
Molnár, A.H. et al [Hungary]

MO-PM12-10
A RESEARCH INTO THE EFFECT OF DIFFERENT EXERCISE TYPES ON ECHOCARDIOGRAPHY AND SOME BLOOD PARAMETERS IN SEDENTARY WOMEN
Cicek, G. et al [Turkey]

MO-BN07 Cognitive impairments and fatigue during exercise

LECTURE ROOM: LIVE 8
Chair(s):
Place, N. [Switzerland]
Cortis, C. [Italy]

MO-BN07-1 [YIA]
MENTAL EXERTION DOES NOT AFFECT ELITE CYCLISTS
Martin, K. et al [Australia]

MO-BN07-2 [YIA]
ADAPTATION OF LEG EXTENSOR MUSCLE ACTIVITY TO REPEATED MAXIMAL CONTRACTIONS
Takenaka, M. et al [Japan]

MO-BN07-3 [YIA]
CHANGES IN MAGNITUDE AND ORIGIN OF FATIGUE DURING REPEATED MAXIMAL KNEE EXTENSIONS
O'Bryan, S.J. et al [Australia]

MO-BN07-4 [YIA]
IS PERCEPTION OF EFFORT IMPACTED BY ELECTROMYOSTIMULATION DURING MUSCLE CONTRACTION?
Pageaux, B. et al [France]

MO-BN07-5 [YIA]
BENEFITS OF HIGH INTENSITY INTERVAL TRAINING FOR ENHANCING HIPPOCAMPUS-DEPENDENT SPATIAL LEARNING AND MEMORY
Oharazawa, A. et al [Japan]

MO-BN07-6 [YIA]
CENTRAL SENSORIMOTOR ACTIVATION DURING ECCENTRIC VS. CONCENTRIC QUADRICEPS FEMORIS CONTRACTIONS
Vogt, T. et al [Germany]

MO-BN07-7 [YIA]
PERIPHERAL AND CENTRAL ADJUSTMENTS DIFFER BETWEEN PROXIMAL AND DISTAL MUSCLES OF THE UPPER LIMB DURING FATIGUE
Abdelmoula, A. et al [Belgium]

Mini-Oral Presentations

MO-BN07-8 [YIA]
THE EFFECT OF HIGH-INTENSITY INTERVAL EXERCISE AND MODERATE-INTENSITY CONTINUOUS EXERCISE ON EXECUTIVE FUNCTION IN POST-EXERCISE RECOVERY
Tsukamoto, H. et al [Japan]

MO-BN07-9 [YIA]
MUSCLE ACTIVATION OF DIFFERENT PORTIONS OF THE TRICEPS BRACHII DURING EXERCISES WITH ELASTIC AND PULLEY
Sartorio, G. et al [Brazil]

MO-BN07-10 [YIA]
A NEW COMBINED APPROACH OF FATIGUE ANALYSIS DURING 100 METRES SPRINTS
Modic, Z. et al [Slovenia]

MO-SH03 Physical Education and Pedagogics II

LECTURE ROOM: LIVE 10
Chair(s):
Larsson, H. [Sweden]
Burnett, C. [South Africa]

MO-SH03-1
ASSESSMENT IN PHYSICAL EDUCATION
Sebelius, S. [Sweden]

MO-SH03-2
FOCUS GROUPS DISCUSSION ABOUT ASSESSMENT IN PHYSICAL EDUCATION AND HEALTH
Bexell, S. [Sweden]

MO-SH03-3
BACKGROUND AND SIGNIFICANCE OF ADOPTING RHYTHMIC DANCE AS CURRICULUM OF PE IN JAPAN
Park, K. et al [Japan]

MO-SH03-4
ACTION RESEARCH IN EXPLORING HOW PE TEACHERS ORIENTATE THEIR "VALUE OF PHYSICAL EDUCATION" IN SCHOOLS
Sum, K. [Hong Kong]

MO-SH03-5
THE PUPILS' UNDERSTANDING FOR AND ATTITUDE TOWARDS THEIR OWN HEALTH
Ahlberg, A. [Sweden]

Thursday, June 25th

14:00 - 15:00

MO-PM13 Health & Fitness: Lifestyle

LECTURE ROOM: HIGH LIVE 1
Chair(s):
Eek, F. [Sweden]
Fryklund, S. [Sweden]

MO-PM13-1
IS STEPS PER DAY AN ADEQUATE ALTERNATIVE INDICATOR FOR ACHIEVING A TARGET LEVEL OF MODERATE-TO-VIGOROUS PHYSICAL ACTIVITY IN YOUNG ADULT WOMEN?
Kumahara, H. et al [Japan]

MO-PM13-2
INFLUENCE OF DOG WALKING ON THE PHYSICAL ACTIVITIES AND LIFE CHANGES OF OWNERS
Furumoto, K. et al [Japan]

MO-PM13-3
CIRCADIAN RHYTHM OF ACTIVITY LEVELS: INFLUENCE OF CHRONOTYPE.
Bruno, E. et al [Italy]

MO-PM13-4
PHYSICAL FITNESS OF MIDDLE-AGED WOMEN: EFFECTS OF SYSTEMATIZED EXERCISE
Silvatti, A. et al [Brazil]

MO-PM13-5
GENETIC AND ENVIRONMENTAL INFLUENCES ON MOTIVES FOR LEISURE-TIME PHYSICAL ACTIVITY BEHAVIOR
Aaltonen, S. et al [Finland]

MO-PM13-6
HIGH MATERNAL PHYSICAL ACTIVITY DURING LATE PREGNANCY IS ASSOCIATED WITH HIGHER SERUM CONCENTRATIONS OF BDNF IN CORD BLOOD
Ferrari, N. et al [Germany]

MO-PM13-7
WHY DO PEOPLE EXERCISE IN NATURE? DIFFERENTIATING ADULT NORWEGIAN'S BELIEFS ABOUT PARTICIPATING IN GREEN EXERCISE, FITNESS AND SPORTS
Calogiuri, G. [Norway]

MO-PM13-8
THE RELATIONSHIP BETWEEN HABITS OF DAILY EXERCISE AND THE TENDENCY OF SPIRITUALITY.
Nigorikawa, T. et al [Japan]

MO-PM13-9
SOCIO-DEMOGRAPHIC AND PSYCHOLOGICAL VARIABLES INFLUENCING THE APPLICATION OF PHYSICAL ACTIVITY AS A GENERAL RESISTANCE RESOURCE
Lippai, L. et al [Hungary]

MO-PM15 Health & Fitness: Mixed session

LECTURE ROOM: KUBEN
Chair(s):
Nyberg, M. [Denmark]
Mello, M. [Brazil]

MO-PM15-1
CHARACTERISTICS OF RUNNERS WALKING AND/OR STOPPING IN THE SECOND HALF OF MARATHON RACES
Mori, H. et al [Japan]

MO-PM15-2
'SLOW WALKING & TURN' TRAINING FOR HEALTH PROMOTION OF THE ELDERLY.
Araki, M. et al [Japan]

MO-PM15-3
PACER AEROBIC FITNESS NORMS FOR KASSETSART UNIVERSITY STUDENTS
Outayanik, B. [Thailand]

MO-PM15-4
THE RELATIONSHIP BETWEEN INTRAMYOCYELLULAR OR EXTRAMYOCYELLULAR LIPID CONTENTS AND CARDIOVASCULAR DISEASE RISKS IN DIFFERENT CARDIORESPIRATORY FITNESS LEVELS
Hasegawa, N. et al [Japan]

MO-PM15-5
THE CHARACTERISTICS OF PHYSIQUE AND PHYSICAL FITNESS BETWEEN SOUTH KOREA ELITE NATIONAL TRACK & FIELD MAN PLAYERS
Sung, B.J. et al [Korea, South]

MO-PM15-6
PELVIC FLOOR EXERCISE TECHNIQUE AFTER SIX WEEKS OF TRAINING AMONG HEALTHY PREGNANT WOMEN – A RANDOMIZED CONTROLLED TRIAL
Szumilewicz, A. et al [Poland]

MO-PM15-7
EXERCISE TRAINING ON GOTO-KAKIZAKI RATS: INFLAMMATION STATE BEFORE THE BENEFICIAL EFFECTS ?
Macia, M. et al [France]

MO-PM15-8
THE ROLE OF THE AFRICAN SWIMMING FEDERATIONS IN THE PROMOTION OF HEALTH: PROTECTION OF THE ATHLETE'S HEALTH AND PROMOTION OF SWIMMING FOR HEALTH OF THE GENERAL POPULATION.
Perez Diaz, C. et al [Spain]

MO-PM15-9
EFFECTS OF WATER IMMERSION IN VARIOUS WATER LEVELS ON URINE VOLUME AND SUBJECTIVE MICTURITION DURING WATER EXERCISE
Wada, T. et al [Japan]

MO-PM15-10
RELATIONSHIP BETWEEN SHORT-FORM HEALTH SF36 QUESTIONNAIRE AND OXYGEN UPTAKE <VO2 MAX> IN HEALTHY WORKERS
Burgos, S. et al [Spain]

MO-PM17 Physiology: Endurance

LECTURE ROOM: HIGH LIVE 2
Chair(s):
Abbiss, C. [Australia]
Hettinga, F. [United Kingdom]

MO-PM17-1
EXERCISE-INDUCED PAIN TOLERANCE PREDICTS TIME TRIAL CYCLING PERFORMANCE
Mauger, A.R. et al [United Kingdom]

MO-PM17-2
THE EFFECT OF RESPONSE INHIBITION ON CRITICAL POWER AND THE ANAEROBIC WORK CAPACITY
Salam, H. et al [United Kingdom]

MO-PM17-3
THE VO₂ PLATEAU IS RELATED TO THE VO₂-WORK RATE SLOPE AT SUBMAXIMAL RAMP EXERCISE
Niemeyer, M. et al [Germany]

MO-PM17-4
THE EFFECT OF CARBOHYDRATE MOUTH RINSE ON SIMULATED XC-SPRINT PERFORMANCE
Kärström, A. et al [Sweden]

MO-PM17-5
MYOGLOBIN AND NGAL CHANGES IN ULTRAMARATHON RUNNERS AFTER THE RACE
Novak, J. et al [Czech Republic]

MO-PM17-6
EFFECTS OF LOW-INTENSITY EXERCISE IN THE MORNING ON PHYSIOLOGICAL RESPONSE DURING UNSTEADY WORKLOAD EXERCISE IN THE EVENING
Nishimura, K. et al [Japan]

MO-PM17-7
LONGER TRAINING EXPERIENCE INDUCED GREATER EFFICIENT SYSTOLIC FUNCTION IN ENDURANCE ELITE ATHLETES
Calle-Herrero, J. et al [Spain]

MO-PM17-8
EFFECT OF SAMBA DANCE IN CARDIOPULMONARY FITNESS AND BODY COMPOSITION IN WOMEN DANCERS.
Duarte, C. et al [Brazil]

MO-PM17-9
ASSESSMENT OF PHYSICAL PERFORMANCE OF THE POLISH PARALYMPIC TEAM IN NORDIC SIT-SKIING IN THREE CONSECUTIVE PARALYMPIC GAMES <2002, 2006, 2010>
Gawroński, W. [Poland]

MO-PM19 Physiology: Thermoregulation, Fatigue

LECTURE ROOM: HIGH LIVE 3
Chair(s):
Girard, O. [Switzerland]
Levels, K. [Netherlands]

MO-PM19-1
COMBINED EFFECTS OF HYPERTHERMIA AND CIRCADIAN RHYTHM ON AEROBIC AND ANAEROBIC PERFORMANCES IN THE HEAT
Otani, H. et al [Japan]

MO-PM19-2
IS A PERCEPTUAL STRAIN INDEX SUBSTITUTING THERMAL COMFORT FOR THERMAL SENSATION A MORE APPROPRIATE PREDICTOR OF PHYSIOLOGICAL STRAIN?
Borg, D.N. et al [Australia]

MO-PM19-3
SEX COMPARISON OF LEUKOCYTE HSP72 MRNA UP REGULATION DURING HEAT ACCLIMATION
Mee, J.A. et al [United Kingdom]

MO-PM19-4
EFFECT OF COLD EXPOSURE ON PROPRIOCEPTION AND COGNITIVE FUNCTION
Racinais, S. et al [Qatar]

MO-PM19-5
CORE BODY TEMPERATURE RELATIONSHIPS WITH OTHER PHYSIOLOGICAL VARIABLES DURING INCREMENTAL CYCLING TEST
Dorđević, S. et al [Slovenia]

MO-PM19-6
HIIT IN THE HEAT: A HOT NEW COMBINATION?
Akerman, A.P. et al [New Zealand]

MO-PM19-7
THE EFFECT OF MENTAL FATIGUE ON PHYSICAL PERFORMANCE, A SYSTEMATIC REVIEW.
Van Cutsem, J. et al [Belgium]

MO-PM19-8
ARE MOTOR-RELATED ELECTRO-CORTICAL MARKERS MODULATED BY AN ACUTE ENDURANCE EXERCISE?
Spring, J. et al [Switzerland]

MO-PM21 Physiology: Energy metabolism

LECTURE ROOM: HIGH LIVE 4
Chair(s):
Westerblad, H. [Sweden]
Gray, S. [United Kingdom]

MO-PM21-1
THE METABOLIC COST OF CYCLING AT 0 W COMPARED TO PHYSIOLOGICALLY ESTIMATED INTERNAL
Giorgi, H. et al [Hong Kong]

MO-PM21-2
HIGH INTENSITY INTERVAL TRAINING IN NON-ALCOHOLIC ESTATOHEPATITIS: A CASE REPORT.
Mateo-Cubo, F. et al [Spain]

MO-PM21-3
AEROBIC CONTRIBUTION TO THE WINGATE TEST PERFORMANCE: EFFECTS OF A HIGH BRAKING FORCE
Driss, T. et al [France]

MO-PM21-4
EXPRESSION OF IRISIN IN SERUM AND SKELETAL MUSCLE WERE INCREASED FOLLOWING RESISTANCE TRAINING IN AGING MICE
Kim, H. et al [Korea, South]

MO-PM21-5
LESS PRONOUNCED RESPONSE TO EXERCISE IN HEALTHY RELATIVES TO TYPE 2 DIABETICS COMPARED TO CONTROLS
Ekman, C. et al [Sweden]

MO-PM21-6
COMPARISON OF CARBOHYDRATE AND FAT OXIDATION AFTER MAXIMAL INCREMENTAL CYCLE ERGOMETER EXERCISE TESTING IN OBESE AND LEAN ADULTS
Kratzenstein, S. et al [Germany]

MO-PM23 Physiology: Mixed session

LECTURE ROOM: LIVE 1
Chair(s):
Willems, M. [United Kingdom]

Platen, P. [Germany]

MO-PM23-1
COMPARISON OF CARBOHYDRATE AND FAT OXIDATION RATES DURING MAXIMAL INCREMENTAL CYCLE ERGOMETER EXERCISE TESTING IN OBESE AND LEAN ADULTS
Braun, M. et al [Germany]

MO-PM23-2
EFFECTS OF HYDROGEN-RICH WATER INTAKE ON WORK RATE AT LACTATE THRESHOLD
Yoshimura, S. et al [Japan]

MO-PM23-3
REPEATABILITY OF THE DEPLETION OF MUSCLE GLYCOGEN AFTER PROLONGED AND HIGH INTENSITY EXERCISE
Osawa, T. et al [Japan]

MO-PM23-4
DOES STRETCHING HAVE A FACILITATIVE EFFECT ON RECOVERY FROM ACUTE STRESS RESPONSE?
Fukuie, T. et al [Japan]

MO-PM23-5
IS CORTISOL CONCENTRATION DEPENDED ON INTENSITY TRAINING?
García-Valverde, A. et al [Spain]

MO-PM23-6
HORMONAL RESPONSES TO SPRINT EXERCISES UNDER DIFFERENT HYPOXIC CONDITIONS
Kon, M. et al [Japan]

MO-PM23-8
EFFECTS OF DAILY AMOUNT OF SPONTANEOUS RUNNING ON STRESS　RESPONSE AND THE RELATED BEHAVIORS IN RATS
Yanagita, S. et al [Japan]

MO-SH12 Social science and sport

LECTURE ROOM: LIVE 2
Chair(s):
Donnelly, P. [Canada]
Gems, G. [United States]

MO-SH12-1
WOMEN'S FOOTBALL – BETWEEN LOCAL ENTHUSIASM AND GLOBAL SUCCESS
Skogvang, B. [Norway]

MO-SH12-2
WILL IT MAKE ME AN INSIDER? MIGRANT WOMEN'S PARTICIPATION IN SPORTS IN THE HELSINKI AREA
Grochowski, P. [Germany]

MO-SH12-3
WHO HAS THE POWER OF THE DEVELOPMENT OF SPORT, THE MEDIA OR THE SPORT?
Nybelius, M. [Sweden]

MO-SH12-4
A QUALITATIVE STUDY OF THE FEMALE PRE-SERVICE ELEMENTARY TEACHERS' EXPERIENCES DURING TEACHER TRAINING FOR PHYSICAL EDUCATION
Shin, K. [Korea, South]

MO-SH12-5
RESEARCH ON THE PROMOTION OF SPORT FOR OLDER PEOPLE IN CHINA
Hou, H. [China]

MO-SH12-6
MIND THE GAP: YOUTH PROFESSIONAL FOOTBALLPLAYERS NEGOTIATING THE GAP BETWEEN DREAMS AND REALITIES.
Fundberg, J. [Sweden]

MO-SH12-7
TURING A SPACE INTO A PLACE: A STUDY OF MIGRANTS' HASHING PRACTICE IN TAIWAN
Chuang, P. [Taiwan]

MO-SH12-8
CHILDREN'S CULTURE AND MOTOR SKILLS LEARNING
Mello, A. [Brazil]

MO-SH12-9
HOCKEY... AND THEN WHAT? GENERATIONS OF PLAYERS FACING EDUCATION
Moret, O. [Switzerland]

Mini-Oral Presentations

MO-SH07 Sport management

LECTURE ROOM: LIVE 3

Chair(s):

Parry, J. [Czech Republic]

Houlihan, B. [United Kingdom]

MO-SH07-1

THE SURVEY OF ORGANIZATIONAL COMMITMENT AND CLIMATE OF ORGANISATION OF TURKISH SPORTS SCIENTISTS
Yıldırım, Ö.D. et al [Turkey]

MO-SH07-2

MEGA SPORTING EVENTS AND THE DEVELOPMENT OF SPORT SCIENCES IN BRAZIL
Reppold Filho, A.R. [Brazil]

MO-SH07-3

THE INVESTIGATION OF THE FACTORS AFFECTING STADIUM ATTENDANCE OF PROFESSIONAL FOOTBALL CLUB SUPPORTERS
Soyguden, A. et al [Turkey]

MO-SH07-4

XPLOING THE RELATIONSHIPS AMONG PLACE ATTACHMENT, PLACE IDENTITY, TEAM IDENTIFICATION, AND FAN LOYALTY.
Tai, W. [Taiwan]

MO-PM25 Rehabilitation and Physiotherapy: Physiotherapy/ Osteopathy

LECTURE ROOM: LIVE 4

Chair(s):

Maffiuletti, N. [Switzerland]

MO-PM25-1

A PILOT TEST ON THE EFFECT OF STATIC STRETCHING ON REDUCING THE INCIDENCE OF MUSCULOSKELETAL DISORDERS AMONG TEACHERS IN HONG KONG
Leung, F.L. et al [Hong Kong]

MO-PM25-2

RELATIONSHIP BETWEEN CHANGE IN MUSCLE STRENGTH AT DIFFERENT MUSCLE CONTRACTION SPEEDS AND CHANGE OF COMFORTABLE GAIT

SPEED IN AMBULATORY POST-STROKE PATIENTS
Shimose, R. et al [Japan]

MO-PM25-3

EFFECTIVITY OF SLACKLINE TRAINING IN PHYSIOTHERAPY
Küng, U. et al [Switzerland]

MO-PM25-4

INCREASED ENERGY EXPENDITURE DURING ADL BY ELECTRICAL STIMULATION-INDUCED LEG MUSCLE ACTIVATION IN SPINAL CORD INJURY
Janssen, T.W.J. et al [Netherlands]

MO-PM25-5

HIGH INTENSITY INTERVAL TRAINING TO IMPROVE FITNESS IN CHILDREN WITH CEREBRAL PALSY
Moholdt, T. et al [Norway]

MO-PM25-6

ACUTE ADAPTATIONS OF SPASTICITY-RELATED IMPAIRMENTS AFTER WHOLE BODY VIBRATION – EFFECTS ON STRETCH REFLEX RESPONSES, VOLUNTARY MUSCLE ACTIVATION AND MOBILITY
Krause, A. et al [Germany]

MO-PM25-7

GOAL-SETTING PRACTICE IN THE SPORT PHYSICAL REHABILITATION SETTING. A PRELIMINARY STUDY ABOUT THE PERCEPTION AND THE USE OF GOAL SETTING AMONG ITALIAN SPORT PHYSICAL THERAPISTS
Sambruni, A. et al [Italy]

MO-PM25-8

COGNITIVE FUNCTIONS OF PARKINSON'S DISEASE PATIENTS CAN IMPROVE WITH PHYSICAL EXERCISE
Gobbi, L. et al [Brazil]

MO-PM25-9

EFFECT OF RADIOFREQUENCY HYPERTHERMIA TREATMENT IN RUNNING BIOMECHANICAL PARAMETERS
Duñabeitia, I. et al [Spain]

MO-PM27 Sports Medicine and Orthopedics: Orthopedics

LECTURE ROOM: LIVE 5

Chair(s):

Stenroth, L. [Finland]

Lamberts, R. [South Africa]

MO-PM27-1

PREVALENCE OF BACK PAIN IN ELITE ROWERS
Felker, K. et al [Germany]

MO-PM27-2

MONITORING PERCEIVED STRESS, RECOVERY AND NON-TRAUMATIC LOWER EXTREMITY INJURIES IN COMPETITIVE RUNNERS
Otter, R.T.A. et al [Netherlands]

MO-PM27-3

PREDICTIVE VALUE OF LOWER LIMB MUSCULOSKELETAL SCREENING FOR INJURY RISK IN ELITE AUSTRALIAN FOOTBALL PLAYERS
Quain, D. et al [Australia]

MO-PM27-4

MUSCULOSKELETAL INJURIES IN ELITE JUNIOR TENNIS PLAYERS
Fett, J. et al [Germany]

MO-PM27-5

PREVALENCE OF BACK PAIN IN ELITE FIELD HOCKEY PLAYERS
Fett, D. et al [Germany]

MO-PM27-6

CHARACTERISTICS OF INTRATENDINOUS MICRO-CIRCULATION SHORTLY AFTER AN ACHILLES RUP-TURE AND TREATMENT OUTCOMES AFTERWARD
Wang, H.K. et al [Taiwan]

MO-PM27-7

POTENTIAL UTILITY OF VIBRATIONAL ANALYSIS FOR EARLY DETECTION OF SPONDYLOLYSIS
Tahara, N. et al [Japan]

MO-PM27-8

A COMPARISON OF NATURAL KNEE AND TOTAL KNEE ARTHROPLASTY KINEMATICS DURING THE GOLF SWING
Molloy, M. et al [Ireland]

MO-PM27-9

RELIABILITY AND CONSTRUCT VALIDITY OF VISUAL RATING OF POSTURAL ORIENTATION IN PEOPLE WITH OR WITHOUT MUSCULOSKELETAL DISORDER OF THE LOWER EXTREMITY – A SYSTEMATIC REVIEW
Ålmqvist, J. et al [Sweden]

MO-PM27-10

BODY CHARACTERISTICS OF PROFESSIONAL JAPANESE KEIRIN CYCLISTS: AN INVESTIGATION OF FLEXIBILITY, PELVIC TILT, AND MUSCLE STRENGTH
Tashiro, Y. et al [Japan]

MO-PM45 Real life threats to sport performance

LECTURE ROOM: LIVE 6

Chair(s):

Cortis, C. [Italy]

Ericsson, I. [Sweden]

MO-PM45-1

FOLLOW-UP OF THE QUANTITY OF SLEEP OF 7 FEMALE GYMNASTS IN PREPARATION OF AND DURING THE WORLD CHAMPIONSHIPS ARTISTIC GYMNASTICS 2014
Dumortier, J. et al [Belgium]

MO-PM45-2

ACTIVE RECOVERY AND COLD-WATER IMMERSION ARE NOT SUPERIOR TO PASSIVE RESTING AFTER ECCENTRIC SQUAT EXERCISE
Doeweling, A. et al [Germany]

MO-PM45-3

THE EFFECT OF DECEPTIVE INFORMATION ABOUT RECEIVING COOLING ON PACING PATTERN DURING A 20-KM CYCLING TIME TRIAL IN THE HEAT
Levels, K. et al [Netherlands]

MO-PM45-4

HEATED GARMENTS AND DRYLAND ACTIVATION ROUTINES: THE KEYS TO IMPROVING SPRINT SWIMMING PERFORMANCE
McGowan, C.J. et al [Australia]

MO-PM31 Molecular Biology and Biochemistry: Molecular signaling/response

LECTURE ROOM: LIVE 7

Chair(s):

Murphy, R. [Australia]

Ichinoseki-Sekine, N. [Japan]

MO-PM31-1

EXPRESSION OF MICRORNA-208B AND MYO-OSTATIN ARE INVERSELY CORRELATED, BOTH AFTER SPINAL CORD INJURY IN HUMANS AND IN RESPONSE TO OVEREXPRESSION IN VIVO IN RODENTS.
Boon, H. et al [Sweden]

MO-PM31-2

CHRONIC ADAPTATION OF BLOOD CELLS TO TRAINING IN INTERMITTENT, COMBAT AND ENDURANCE PLAYERS
Pralay, M. et al [India]

MO-PM31-3

SPORTOMICS ANALYSIS OF METABOLIC RESPONSES IN OLYMPIAN RUNNERS USING A 100M DASH RACE AS A MODEL
Magno França, A. et al [Brazil]

MO-PM31-4

TWELVE WEEKS OF UNCOMPLICATED RESISTANCE TRAINING INCREASES LEAN BODY MASS AND REDUCES MARKERS OF MUSCLE ATROPHY IN OLDER ADULTS
Egan, B. et al [Ireland]

MO-PM31-5

IMPACT OF ACE I/D POLYMORPHISM ON HEART RATE VARIABILITY AFTER 10 WEEKS OF AEROBIC TRAINING IN CHILDREN
Silva, C.C. et al [Brazil]

MO-PM31-6

DEVELOPMENT OF THE ATHLETES RECRUITING SYSTEM IN CYCLIC SPORTS BASED ON INDIVIDUAL MORPHOFUNCTIONAL AND GENETICS PARAMETERS
Yevdaliuk, S.V. et al [Belarus]

MO-PM31-7
EPIGENETIC CHANGES WITHIN THE ADAMTS4 GENE PROMOTER MAY MODIFY RISK OF PATELLA TENDINOPATHY.
Raleigh, S. et al [United Kingdom]

MO-PM33 Neuromuscular Physiology: Fatigue

LECTURE ROOM: LIVE 8
Chair(s):
Baudry, S. [Belgium]
Kay, A. [United Kingdom]

MO-PM33-1
H-WAVE AMPLITUDE FLUCTUATION IS ASSOCIATED WITH VARIATION OF MAXIMAL VOLUNTARY MUSCLE CONTRACTION WITHIN A SUBJECT
Taki, C. et al [Japan]

MO-PM33-2
HOW MANY SETS OF SUBMAXIMAL CONSTANT-TORQUE PASSIVE STRETCH ARE NECESSARY TO REDUCE PLANTAR FLEXOR PASSIVE TENSION?
Trajano, G.S. et al [Australia]

MO-PM33-3
NEUROMUSCULAR CHARACTERISTICS OF QUADRICEPS AND HAMSTRINGS MUSCLES DURING A SOCCER MATCH.
Kalema, R. et al [Finland]

MO-PM33-4
THE ETIOLOGY OF ELECTROSTIMULATION-INDUCED MUSCLE FATIGUE IS RELATED TO THE MODULATION OF STIMULATION PARAMETERS
Alain, M. et al [France]

MO-PM33-5
EMG RESPONSES OF POWER PRODUCER AND POWER TRANSMITTER MUSCLES DURING A FATIGUING CYCLING EXERCISE
Lee, S. et al [Australia]

MO-PM33-6
EFFECTS OF UPHILL WALKING AND DOWNHILL WALKING ON POSTURAL CONTROL
Werner, I. et al [Austria]

MO-PM33-7
EFFECTS OF DIETARY NITRATE SUPPLEMENTATION ON LOW-FREQUENCY FATIGUE AND VOLUNTARY CONTRACTILE PERFORMANCE DURING FATIGUING EXERCISE
Tillin, N.A. et al [United Kingdom]

MO-PM33-8
IMPACT OF SELECTIVE PRE-FATIGUE ON QUADRICEPS SYNERGISTS ACTIVATION STRATEGY
Matkowski, B. et al [France]

MO-PM33-9
CONTRIBUTION OF THE ANKLE PLANTAR FLEXORS TO POWER PRODUCTION DURING SPRINT CYCLING
D'Amico, J.M. et al [Australia]

MO-SH10 Sports statistics & Analysis I

LECTURE ROOM: LIVE 10
Chair(s):
Eskofier, B. [Germany]
Zemkova, E. [Slovakia]

MO-SH10-1
THE AGE-PERFORMANCE RELATIONSHIP: TOWARD NEW MODELS
Berthelot, G. et al [France]

MO-SH10-2
THE HERITABILITY OF AN OLYMPIC MEDAL: A POPULATION-BASED STUDY ON OLYMPIANS FROM THE GAMES OF 1896 UP TO 2012
Antero-Jacquemin, J. et al [France]

MO-SH10-3
IT IS YOUR TEAMMATES NOT YOUR SCHOOLMATES THAT MATTERS: THE IMPORTANCE OF RISK POPULATION IN TALENT DEVELOPMENT STUDIES.
Rossing, N. et al [Denmark]

MO-SH10-4
RELATIVE AGE EFFECT AND PERFORMANCE IN YOUNG EUROPEAN FEMALE BASKETBALL CHAMPIONSHIPS
Arrieta, H. et al [Spain]

MO-SH10-5
THE RELATIONSHIP BETWEEN MOTIVATION FOR PHYSICAL ACTIVITY AND LIFESTYLE IN 10- TO 12-YEAR-OLD CHILDREN IN SOUTH KOREA AND JAPAN
Ikeda, T. et al [Japan]

MO-SH10-6
"MAGNITUDE-BASED INFERENCE": A STATISTICAL REVIEW
Welsh, A. [Australia]

MO-SH10-7
STUDY OF THE PERFORMANCE EVALUATION OF MASS SPORTS PUBLIC INPUT ON STRUCTURAL EQUATION MODEL ANALYSIS - BASED ON THE INVESTIGATION OF 25 PROVINCES IN CHINA
Zhang, F.B. et al [China]

Thursday, June 25th

15:00 - 16:00

MO-PM14 Health & Fitness: Children, Team Sports

LECTURE ROOM: HIGH LIVE 1
Chair(s):
Sörensen, M. [Norway]
Resaland, G. [Norway]

MO-PM14-1
ACCEPTABILITY AND FEASIBILITY OF AN INTERNET-BASED INTERVENTION TO INCREASE PHYSICAL ACTIVITY AMONG ADOLESCENTS
Grieben, C. et al [Germany]

MO-PM14-2
IS PHYSICAL ACTIVITY OF ADOLESCENTS AND THEIR BEST CLASSMATES ASSOCIATED? A PILOT STUDY IN LITHUANIAN, NORWEGIAN AND SWEDISH HIGH SCHOOLS
Karvelyte, V. et al [Lithuania]

MO-PM14-3
EFFECT OF THE ROTATIONAL SPEED OF THE ROPE IN A PERSON TURNING A LONG JUMP ROPE IS ON THE HEART RATE AND OXYGEN UPTAKE
Yoshida, N. et al [Japan]

MO-PM14-4
RESIDENCE AND LIFESTYLE PARAMETERS IN YOUNGSTERS
Farkas, A. et al [Hungary]

MO-PM14-5
ACADEMIC ACHIEVEMENT, OBESITY AND LOW FITNESS IN JAPANESE ADOLESCENTS
Morita, N. et al [Japan]

MO-PM14-6
ESTABLISHMENT OF MEASUREMENT SYSTEM REGARDING SIMILARITY OF MONOZYGOTIC AND DIZYGOTIC TWINS
Fujii, K. [Japan]

MO-PM16 Physiology: Strength

LECTURE ROOM: KUBEN
Chair(s):
Jakobi, J. [Canada]
Seynnes, O. [Norway]

MO-PM16-1
EFFECT OF AN INTENSIVE STRENGTH TRAINING MICROCYCLE ON RESTING HEART RATE VARIABILITY
Schneider, C. et al [Germany]

MO-PM16-2
THE EFFECT OF FUNCTIONAL OVERREACHING ON HEART RATE VARIABILITY AND PERCEPTIONS OF TRAINING TOLERANCE
Bellenger, C. et al [Australia]

MO-PM16-3
INCREASED SATELLITE CELL PROLIFERATION WHEN CULTURED WITH POST-EXERCISE SERUM: ROLE OF TESTOSTERONE?
Luk, H.Y. et al [United States]

MO-PM16-4
HIGH-DOSE INHALED SALBUTAMOL DOES NOT INCREASE 10-KM TIME-TRIAL PERFORMANCE IN TRAINED CYCLISTS
Koch, S. et al [Canada]

MO-PM16-5
EFFECT OF ALTITUDE TRAINING ON MUCOSAL IMMUNITY AND SLEEP IN ELITE CROSS-COUNTRY SKIERS.
Svendson, I. et al [United Kingdom]

MO-PM16-6
EFFECTS OF REDUCED ARTERIAL CO2 PRESSURE ON VENTILATORY AND CEREBROVASCULAR RESPONSES DURING PROLONGED EXERCISE IN THE HEAT
Tsuji, B. et al [Japan]

MO-PM16-7
THE RELATIONSHIP BETWEEN MUSCLE THICKNESS AND MUSCLE VOLUME: MT IS A RELIABLE INDICATOR IN ASSESSING CHANGES IN SKELETAL MUSCLE MASS OF THE LOWER LIMBS IN RESPONSE TO RESISTANCE TRAINING
Franchi, M.V. et al [United Kingdom]

Mini-Oral Presentations

MO-PM16-8
EFFECT OF A TAILORED, 12-WEEK, MODERATE-INTENSITY, STRENGTH TRAINING PROGRAM ON INDIVIDUALS WITH AMYOTROPHIC LATERAL SCLEROSIS
Ferri, A. [Australia]

MO-PM16-9
PCOS AND MUSCLE STRENGTH: PRELIMINARY RESULTS IN NORMAL WEIGHT WOMEN
Donà, S. et al [Italy]

MO-PM18 Physiology: Mixed session I

LECTURE ROOM: HIGH LIVE 2
Chair(s):
Klissouras, V. [Greece]
Nosaka, K. [Australia]

MO-PM18-1
DIVING RESPONSE DURING DRY STATIC APNOEA: COMPARISON BETWEEN ELITE MALE AND FEMALE DIVERS
Magnani, S. et al [Italy]

MO-PM18-2
IMPORTANCE OF ANTHROPOMETRIC, HAEMODYNAMIC AND RESPIRATORY PARAMETERS TO DETERMINE PERFORMANCE DURING BREATH-HOLD DIVING
Tocco, F. et al [Italy]

MO-PM18-3
THE EFFECTS OF HIGH INTENSITY PHYSICAL TRAINING ON ADIPOKINES OF MEN WITH METABOLIC SYNDROME
Santos, D.L. et al [Brazil]

MO-PM18-4
A COMPARATIVE STUDY OF LOW VOLUME HIGH INTENSITY INTERVAL TRAINING VERSUS MODERATE INTENSITY CONTINUOUS TRAINING FOR A RECREATIONALLY ACTIVE POPULATION
Hughes, B. et al [Ireland]

MO-PM18-5
PGC-1 α GENE EXPRESSION INDUCED BY INTERVAL EXERCISE AT LACTATE THRESHOLD
Ryo, A. et al [Japan]

MO-PM18-6
LARGER BETA SYNCHRONIZATION IN ELDERLY SUGGESTS BRAIN-RELATED ADAPTATIONS IN SELECTIVE INHIBITORY PROCESSES
Barral, J. et al [Switzerland]

MO-PM18-7
BLUNTED ANGIOGENESIS AND HYPERTROPHY ARE ASSOCIATED WITH INCREASED FATIGUE RESISTANCE AND UNCHANGED AEROBIC CAPACITY IN OLD OVERLOADED MOUSE MUSCLE
Ballak, S.B. et al [Netherlands]

MO-PM18-8
A COMPARISON OF ELASTIC BAND-BASED HIGH-SPEED POWER TRAINING AND TRADITIONAL LOW-SPEED STRENGTH TRAINING ON COGNITIVE FUNCTION, PHYSICAL PERFORMANCE AND MUSCLE STRENGTH IN OLDER WOMEN WITH MILD COGNIT
Yoon, D.H. et al [Korea, South]

MO-PM20 Physiology: Muscle damage, Hypoxia

LECTURE ROOM: HIGH LIVE 3
Chair(s):
Westerblad, H. [Sweden]
Abbiss, C. [Australia]

MO-PM20-1
EFFECT OF 3 WEEKS COMBINED 'LIVE HIGH-TRAIN LOW' EXPOSURE WITH HEAT INTERVAL TRAINING IN TRAINED RUNNERS
McCleave, E. et al [Australia]

MO-PM20-2
METABOLIC RESPONSES TO ACUTE HYPOXIA AND MODERATE INTENSITY NORMOXIC EXERCISE IN HUMANS
Duncan, B. et al [United Kingdom]

MO-PM20-3
THE RELATIONSHIP BETWEEN CHANGES IN BRACHIAL-ANKLE PULSE WAVE VELOCITY AND BLOOD PRESSURE AFTER SHORT-TERM HYPOBARIC HYPOXIC TRAINING
Ogita, F. et al [Japan]

MO-PM20-4
REACTIVE OXYGEN SPECIES AND DNA INTEGRITY IN SOME IRAQI ATHLETICS FEMALE
Fathi, R. et al [Iraq]

MO-PM20-5
MAXIMAL LACTATE STEADY STATE DURING STEP TESTING IN NORMOXIA AND ACUTE NORMO-BARIC HYPOXIA
Fisch, M. et al [Germany]

MO-PM20-6
NO EFFECT OF DIETARY NITRATE ON THE HUMAN DIVING RESPONSE IN DRY AND WET APNEAS
Johansson, H. et al [Sweden]

MO-PM22 Physiology: Cardio-vascular physiology

LECTURE ROOM: HIGH LIVE 4
Chair(s):
Millet, G. [Switzerland]
Gray, S. [United Kingdom]

MO-PM22-1
EFFECT OF AGE ON BLOOD FLOW KINETICS DURING PLANTAR FLEXION EXERCISE
Askew, C.D. et al [Australia]

MO-PM22-2
THE EFFECTS OF CONTINUOUS AND INTERVAL AEROBIC EXERCISE ON BLOOD PRESSURE
Hoseinzadeh Gonabadi, A. et al [Iran]

MO-PM22-3
ASSESSMENT OF CARDIOVASCULAR ADJUSTMENTS DURING MOTORCYCLE RIDING
Pinna, V. et al [Italy]

MO-PM22-4
EFFECTS OF MENSTRUAL CYCLE PHASE ON THE DYNAMICS OF CARDIOVASCULAR CONTROL DURING AN INCREMENTAL STRESS-TEST TO VOLITIONAL EXHAUSTION
Merzbach, V. et al [United Kingdom]

MO-PM22-5
EFFECT OF LIFESTYLE MODIFICATION ON PULSE PRESSURE AMPLIFICATION IN OVERWEIGHT AND

OBESE MEN
Yoshikawa, T. et al [Japan]

MO-PM22-6
HEART RATE VARIABILITY: CONVENIENCE, MEASUREMENTS AND MONITORING. REVIEW ARTICLE
Gene-Sanahuja, P. [Spain]

MO-PM24 Physiology: Mixed session

LECTURE ROOM: LIVE 1
Chair(s):
Ali, A. [New Zealand]
Perret, C. [Switzerland]

MO-PM24-1
MODERATE EXERCISE IMPROVES COGNITIVE FUNCTION EVEN UNDER SEVERE HYPOXIA
Komiya, T. et al [Japan]

MO-PM24-2
TOTAL PEPTIDE YY CONCENTRATIONS FOLLOWING SHORT TERM CONSUMPTION OF VEGETARIAN DIETS
Silalerdtetkul, S. et al [Thailand]

MO-PM24-3
FAECAL CALPROTECTIN RESPONSES TO MODERATE INTENSITY EXERCISE; PILOT OBSERVATIONS.
Hamzah, N. et al [United Kingdom]

MO-PM24-4
CARDIORESPIRATORY RESPONSES AND PEDAL FORCE DURING ONE-LEGGED EXERCISE WITH A TANDEM-BICYCLE ERGOMETER
Onodera, S. et al [Japan]

MO-PM24-5
CAN WE IMPROVE MORNING QUADRICEPS MAXIMAL VOLUNTARY CONTRACTION FORCE BY BRIGHT LIGHT ADMINISTERED THE DAY BEFORE, DAWN SIMULATION ON THE DAY OF TESTING OR A COMBINATION OF BOTH?
Edwards, B.J. et al [United Kingdom]

MO-PM24-6
THE EFFECT OF PROLONGED EXERCISE ON BRAIN ACTIVITY MOOD AN EFFORT
Wollseiffen, P. et al [Germany]

MO-PM24-7
THE EFFECT OF MATCH-RELATED PHYSICAL EXERTION ON REACTIVE AGILITY IN RUGBY LEAGUE PLAYERS
Minova, D. et al [United Kingdom]

MO-PM24-8
THE INFLUENCE OF UNILATERAL AND BILATERAL LOAD CARRIAGE ON GAIT AND STATIC POSTURE OF YOUNG HEALTHY MALES
Inoue, Y. [Japan]

MO-PM24-9
HEART RATE VARIABILITY DURING SLEEP IN WORLD CLASS ALPINE SKIERS: BEAT TO BEAT VARIABILITY DURING DIFFERENT STATES OF CONSCIOUSNESS
Herzig, D. et al [Switzerland]

MO-PM24-10
EFFECTS OF GRADUATED COMPRESSION STOCKINGS ON SKIN TEMPERATURE IN RUNNING
Gil-Calvo, M. et al [Spain]

MO-SH13 Sociology/Sport management II

LECTURE ROOM: LIVE 2
Chair(s):
Donnelly, P. [Canada]
Fundberg, J. [Sweden]

MO-SH13-1
IDENTIFY FACTORS INFLUENCING THE PROCESS OF SOCIALIZATION THROUGH SPORT ‎
Yektayar, M. [Iran]

MO-SH13-2
SPORT VS. SCHOOL: CONCILIATION STRATEGIES OF YOUNG ATHLETES BENEFIT FROM ATHLETE SCHOLARSHIP PROGRAM IN BRAZIL
Silva, A. et al [Brazil]

MO-SH13-3
SELECTION IN NORWEGIAN MALE SOCCER: FROM THE U-15 NATIONAL TEAM TO THE A-NATIONAL TEAM
Welde, B. et al [Norway]

MO-SH13-4
DESIGN AND DEVELOPMENT OF STRATEGIC PLAN OF FEMALES "SPORT FOR ALL"
Zarei, A. et al [Iran]

MO-SH13-5
INSIGHTS FROM THE "LLP FACILITATING HIGHER EDUCATION FOR ATHLETES – WINNER EDUCATION MODEL" PROJECT: PRELIMINARY FINDINGS ON ITALIAN STUDENT-ATHLETES' PERCEPTIONS ON DUAL CAREER OUTCOMES AND SERVICES
Guidotti, F. et al [Italy]

MO-SH13-6
A STUDY ON THE PREVENTION POLICY ESTABLISHMENT FOR SCHOOL SAFETY INCIDENTS IN KOREA
Nam, Y. [Korea, South]

MO-SH08 Sociology/Sport management I

LECTURE ROOM: LIVE 3
Chair(s):
Andersen, M. [Sweden]
Londos, M. [Sweden]

MO-SH08-1
SPORT TOURISM IN KOSOVO – THE IMPACT OF HIKING
Berisha, V. [Kosovo]

MO-SH08-2
INVESTIGATION THE BARRIERS REVENUE FROM SPORTS TOURISTS
Hemati, J. et al [Iran]

MO-SH08-3
ORAL PRESENTATION
Plested-Alvarez, M.C. et al [Colombia]

MO-SH08-4
THE IMPACT OF DEVELOPING SUSTAINABLE FACILITIES ON LOCAL SPORTS PARTICIPATION: THE ITALIAN CASE
Masoni, I. [Italy]

MO-PM26 Rehabilitation and Physiotherapy: Orthopedic rehabilitation

LECTURE ROOM: LIVE 4
Chair(s):
Maffiuletti, N. [Switzerland]
Stenroth, L. [Finland]

MO-PM26-1
INTRA- AND INTER-RATER RELIABILITY OF STANDING HIP FLEXION STRENGTH AND SUPINE LUMBO-PELVIC CONTROL IN PATIENTS WITH LONGSTANDING HIP AND GROIN PAIN.
Pålsson, A. et al [Sweden]

MO-PM26-2
RETURN TO PLAY AFTER ACHILLES TENDON RUPTURE IN ELITE SOCCER PLAYER: A CASE REPORT
Fanchini, M. et al [Italy]

MO-PM26-3
LOWER LIMB MUSCLE WEAKNESS IN PATIENTS WITH SYMPTOMATIC HIP OSTEOARTHRITIS
Friesenbichler, B. et al [Switzerland]

MO-PM26-4
EFFECT OF LOW-INTENSITY PULSED ULTRASOUND ON SKELETAL MUSCLE CROSS-SECTIONAL AREA AFTER CARDIOTOXIN-INDUCED DAMAGE IN A MOUSE MODEL
Nakamura, A. et al [Japan]

MO-PM26-5
ERROR-REDUCED OBJECT CONTROL SKILLS TRAINING: FROM RESEARCH TO PRACTICE
Capiro, C.M. et al [Hong Kong]

MO-PM26-6
PREDICTORS OF ONSET OF MOBILITY DIFFICULTY IN AMBULATORY PATIENTS UNDERGOING MAINTENANCE HEMODIALYSIS
Ishikawa, R. et al [Japan]

MO-PM26-7
EXERCISE INTENSITY DOES NOT AFFECT POST-RESISTANCE EXERCISE HYPOTENSION IN TREATED HYPERTENSIVE ELDERLY FEMALES
Rodriguez, D. [Brazil]

MO-PM26-8
POSTURAL CONTROL DURING STAR EXCURSION BALANCE TEST
Karagiannakis, D. et al [Greece]

MO-PM28 Sports Medicine and Orthopedics: Mixed session I

LECTURE ROOM: LIVE 5
Chair(s):
Nyberg, M. [Denmark]
Aagaard, P. [Denmark]

MO-PM28-1
EFFECTS OF INTERVAL EXERCISE TRAINING ON BLOOD PRESSURE AND ENDOTHELIAL FUNCTION IN PRE- AND HYPERTENSIVE PATIENTS
Park, J.J. et al [Korea, South]

MO-PM28-2
THE EFFECT OF HIGH-INTENSITY INTERVAL EXERCISE AND RESISTANCE EXERCISE ON BLOOD PRESSURE IN NON-OBESE ADULTS*
Shi, Q. [Macau]

MO-PM28-3
PREVALENCE AND CHARACTERISTICS OF EARLY REPOLARIZATION IN MACAO AMATEUR MALE ATHLETES' ELECTROCARDIOGRAM *
Nie, J. [Macau]

MO-PM28-4
EFFECT OF MUSIC TYPE ON HEART RATE VARIABILITY DURING RECOVERY FROM MODERATE INTENSE EXERCISE
Liang, I.J. et al [Taiwan]

MO-PM28-5
EXERCISE PERFORMANCE IMPAIRMENT IN AN ELITE ENDURANCE ATHLETE AND HORMONAL CONTRACEPTIVE: IS THERE A LINK? CASE REPORT
Heinicke, K. et al [Germany]

MO-PM28-6
EFFECT OF MUSIC TYPE IN LACTATE CLEARANCE AND CARDIOPULMONARY SYSTEM AFTER MODERATE INTENSE EXERCISE
Lee, P.Y. et al [Taiwan]

MO-PM28-7
PHYSICAL ACTIVITY AND GESTATIONAL WEIGHT GAIN, POSTPARTUM WEIGHT RETENTION AND INFANT'S BIRTH WEIGHT AMONG WOMEN AT RISK OF GESTATIONAL DIABETES
Leppänen, M. [Finland]

MO-PM30 Sports Medicine and Orthopedics: Gender

LECTURE ROOM: LIVE 6
Chair(s):
Sandbakk, Ø. [Norway]
Thomas, R. [Denmark]

MO-PM30-1
OXIDANT/ANTIOXIDANT MARKERS IN FEMALE SOCCER PLAYERS WITH AND WITHOUT PREMENSTRUAL SYNDROME <PMS>
Foster, R. et al [Brazil]

MO-PM30-2
GENDER DIFFERENCES IN KNEE ABDUCTION DURING WEIGHT-BEARING ACTIVITIES: A SYSTEMATIC REVIEW AND META-ANALYSIS
Cronström, A. et al [Sweden]

MO-PM30-3
THE EFFECT OF ORAL CONTRACEPTIVES ON ATHLETIC PERFORMANCE IN FEMALE ATHLETES.
Nakamura, M. et al [Japan]

MO-PM30-4
CROSSFIT INJURIES – A DESCRIPTIVE SURVEY-BASED RETROSPECTIVE STUDY
Larsen, C. et al [Denmark]

MO-PM30-5
THE DIFFERENCES OF SHOULDER ROTATION AGONIST/ANTAGONIST TORQUE RATIO BETWEEN BASEBALL PLAYERS AND NON-PLAYERS IN DIFFERENT TESTING VELOCITIES AT VARIOUS JOINT POSITION
Lin, S. [Taiwan]

MO-PM30-6
PREVENTION OF ANTERIOR CRUCIATE LIGAMENT INJURIES IN COMPETITIVE ALPINE SKIERS
Westin, M. [Sweden]

MO-PM30-7
THE LONG-TERM USE OF LONG ACTING β2-AGONISTS IMPROVES SPRINT AND STRENGTH PERFORMANCE.
Merlini, M. [United Kingdom]

MO-PM30-8
BALANCING THE IMBALANCE OF STROKE SURVIVORS WITH BACKWARD SLOPE WALKING ON DIFFERENTIAL TREADMILL GRADIENTS
Agbonlahor, E. [Nigeria]

MO-PM30-9
BMC AND BMD OF MIDDLE- AND OLD-AGED MALES UNDERGOING SHUTTLECOCK KICKING WITH DIFFERENT STYLES AND DURATIONS
Ding, H. [China]

MO-PM32 Sport Technology

LECTURE ROOM: LIVE 7
Chair(s):
Araujo, D. [Portugal]
Linnamo, V. [Finland]

MO-PM32-1
QUANTITATIVE, MULTISCALE PROFILING OF MOTION AND ACTIVITY IN CHILDREN
Clark, C. et al [United Kingdom]

MO-PM32-2
CRITERION VALIDITY AND RELIABILITY OF REAL-TIME GPS FOR THE MEASUREMENT OF TEAM SPORT ACTIVITY
Minett, G. et al [Australia]

MO-PM32-3
RUNNING ECONOMY CORRELATES WITH HORIZONTAL ACCELERATIONS OF THE HIP
Franch, J. et al [Denmark]

MO-PM32-4
CONCURRENT VALIDITY OF A FOOT MOUNTED IMU TO ESTIMATE STRIDE LENGTH IN RUNNING
Brahms, C.M. et al [Canada]

MO-PM32-5
QUANTIFICATION OF HIGH RUNNING VELOCITY USING A SOCCER MOTION CAMERA TRACING SYSTEM
Enright, K. et al [United Kingdom]

Mini-Oral Presentations

MO-PM32-6

A NOVEL WIRELESS ELECTRONIC DEVICE TO DIRECTLY MONITOR TV VIEWING TIME
Alahmadi, M.A. [Saudi Arabia]

MO-PM32-7

VALIDITY OF THE WAHOO KICKR POWER TRAINER AND RELIABILITY OF A 4 KM CYCLE TIME TRIAL
Zadow, E.K. et al [Australia]

MO-PM34 Neuromuscular Physiology: Coordination

LECTURE ROOM: LIVE 8

Chair(s):

Geertsen, S. [Denmark]
Blazevich, A. [Australia]

MO-PM34-1

BILATERAL DEFICIT: CONTRIBUTION OF POSTURAL ADJUSTMENTS TO TORQUE PRODUCTION
Simoneau-Buessinger, E. et al [France]

MO-PM34-2

INVESTIGATION OF MOTOR UNIT SHORT-TERM SYNCHRONIZATION IN STERNOCLEIDOMASTOID MUSCLES
Bo Cing, Y. et al [Taiwan]

MO-PM34-3

REACTION TIME IN UPPER EXTREMITIES FOLLOW A PROXIMAL-DISTAL GRADIENT THAT MIGHT BE LINKED TO NEUROPHYSIOLOGICAL DIFFERENCES
Aune, M.A. et al [Norway]

MO-PM34-4

CORTICOSPINAL EXCITABILITY AND INTERHEMISPHERIC INHIBITION
Gueugneau, N. et al [France]

MO-PM34-5

DIFFERENCE BETWEEN MECHANOMYOGRAPHIC AND ELECTROMYOGRAPHIC RESPONSES TO ISOMETRIC CONTRACTIONS OF BICEPS BRACHII AT DIFFERENT ELBOW JOINT ANGLES
Shima, N. et al [Japan]

MO-PM34-6

SHORT-TERM LOW-LOAD BLOOD FLOW RESTRICTED EXERCISE IMPROVES MECHANICAL MUSCLE

FUNCTION AND NEUROMUSCULAR ACTIVATION
Nielsen, J.L. et al [Denmark]

MO-PM34-7

NEUROMUSCULAR RESPONSE OF THE LOWER LIMB DURING GROSS MOTOR TASKS
Furlong, L.A.M. et al [United Kingdom]

MO-PM34-8

SPECTRAL EMG CHANGES OF THE SUPERIMPOSED M WAVE DURING ISOMETRIC VOLUNTARY CONTRACTIONS OF INCREASING INTENSITY
Rodríguez-Falces, J. [Spain]

MO-PM34-9

EFFECT OF WEIGHT BEARING ON TOE FLEXOR STRENGTH AND FOOT ARCH HEIGHT
Fukuoka, R. et al [Japan]

MO-SH11 Sports statistics & Analysis II

LECTURE ROOM: LIVE 10

Chair(s):

Zemkova, E. [Slovakia]

MO-SH11-1

COMPARATIVE OF RACE STRATEGIES VERSUS OPTIMAL STRATEGIES IN 2000 M ROWING
Rachnavy, P. [Thailand]

MO-SH11-2

STRUCTURAL EQUATION MODELS OF MORPHOLOGICAL SPRINT MOTION FOR ELEMENTARY SCHOOL CHILDREN
Kokudo, S. [Japan]

MO-SH11-3

SWIMMER TRACKING BY SINGLE HIGH-DEFINITION CAMERA
Minato, Y. et al [Japan]

MO-SH11-4

SUCCESS IN ELITE JUNIOR TENNIS: THE SHORT STORY
Klaus, A. et al [Germany]

MO-SH11-5

DIGITAL ZOOM VIDEO OF SWIMMERS BY HIGH-DEFINITION CAMERA
Kameda, Y. et al [Japan]

MO-SH11-6

PERFORMANCE TIME DIFFERENTIALS OF ELITE ALPINE SKIERS
Spencer, M. et al [Norway]

MO-SH11-7

PHYSIOLOGICAL RESPONSES AND PHYSICAL ACTIVITY IN SMALL-SIDED GAMES FOR COLLEGIATE SOCCER PLAYERS
Takai, Y. et al [Japan]

MO-SH11-8

EFFECT OF PLAYING LEVEL ON MATCH-PLAY ACTIVITY PROFILE IN COLLEGIATE SOCCER
Horio, K. et al [Japan]

Friday, June 26th

15:00 - 16:00

MO-PM37 Training and Testing: Fatigue and neuromuscular physiology

LECTURE ROOM: HIGH LIVE 1

Chair(s):

Nosaka, K. [Australia]
Ritzmann, R. [Germany]

MO-PM37-1

BRAIN OXYGENATION, CARDIOVASCULAR RESPONSES AND RUNNING PERFORMANCE WEARING A COMPRESSION GARMENT
Leoz-Abaurrea, I. et al [Spain]

MO-PM37-2

EXERCISE-INDUCED MUSCLE DAMAGE MARKERS DURING A FAMILIARIZATION PROTOCOL TO ECCENTRIC CYCLING
Tornaghi, M. et al [Italy]

MO-PM37-3

EFFECTS OF DIFFERENT RECOVERY INTERVENTIONS FOLLOWING A HALF MARATHON ON MARKERS OF FATIGUE AND RECOVERY IN RECREATIONAL RUNNERS
Wiewelhoe, T. et al [Germany]

MO-PM37-4

METABOLIC PROFILE OF BODY MASS-BASED SQUAT EXERCISE IN HEALTHY YOUNG MEN.
Haramura, M. et al [Japan]

MO-PM37-5

PHYSIOLOGICAL RESPONSES TO TWO CONSECUTIVE SIMULATED TAEWONDO MATCHES <4X1.5 MIN> IN ELITE YOUNG ATHLETES
Nikolaidis, P. et al [Greece]

MO-PM37-6

COMPARISON OF METHODS TO IDENTIFY THE ANAEROBIC THRESHOLD ON A BICYCLE ERGOMETER
Kováčová, L. et al [Czech Republic]

MO-PM37-7

UNIQUE ACTIVATION OF THE QUADRICEPS FEMORIS DURING MULTI-JOINT EXERCISE: IMPLICATION FOR TRAINING-SPECIFICITY OF INDIVIDUAL MUSCLES
Ema, R. et al [Japan]

MO-PM37-8

MUSCLE SYNERGIES OF LOWER LIMBS DURING VERTICAL JUMP
Takagi, H. et al [Japan]

MO-PM35 Training and Testing: Strength

LECTURE ROOM: KUBEN

Chair(s):

Tiidus, P. [Canada]
Kay, A. [United Kingdom]

MO-PM35-1

TRAINING OUTPUT MONITORING SCALE IN SOCCER
Muñoz-Lopez, A. et al [Spain]

MO-PM35-2

SPRINT KINETICS AND KINEMATICS ON A NON-MOTORISED TREADMILL ARE UNIQUE TO POSITION IN RUGBY ATHLETES
Brown, S.R. et al [New Zealand]

MO-PM35-3

MONITORING OF TRAINING LOAD AND FATIGUE IN YOUTH CYCLISTS
Kilian, Y. et al [Germany]

MO-PM35-4

INCREASED HAIR CORTISOL LEVELS IN FEMALE ENDURANCE ATHLETES THROUGH ALTITUDE TRAINING: A USEFUL DIAGNOSTIC TOOL FOR OVERTRAINING
Bamba, A. et al [Japan]

MO-PM35-5

BILATERAL SQUAT SYMMETRY PRE AND POST A 7 WEEK TRAINING PROGRAM FOR SURFING ATHLETES
Lundgren, L. et al [Australia]

MO-PM35-6

ELBOW ANGLE CHANGES DURING THE UNDER-WATER STROKE PHASE IN SPRINT-ASSISTED TRAINING FOR COMPETITIVE SWIMMERS
Tanaka, T. et al [Japan]

MO-PM35-7

EFFECTS OF 8 WEEKS OF ISOKINETIC TRAINING ON POWER, GOLF KINEMATICS, AND CLUB HEAD SPEED IN ELITE GOLFERS
Parker, J.M. et al [Sweden]

MO-PM35-8

THE EFFECTS OF 8 WEEKS OF PLYOMETRIC TRAINING ON SPRINT AND JUMP PERFORMANCE IN FEMALE HIGH SCHOOL BASKETBALL PLAYERS
Benis, R. et al [Italy]

MO-PM35-9

EFFECTIVENESS OF 4-WEEK LOADED MOVEMENT OR BODYWEIGHT TRAINING IN IMPROVING THE THICKNESSES OF THE DEEP AND SUPERFICIAL ABDOMINAL MUSCLES IN COLLEGIATE STUDENTS
Izumi, S. et al [Japan]

MO-PM35-10

ACUTE EFFECTS OF ONE-LEGGED STRETCHING ON REGIONAL ARTERIAL STIFFNESS IN HEALTHY YOUNG MEN
Yamato, Y. et al [Japan]

MO-PM38 Training and Testing: Team Sports I

LECTURE ROOM: HIGH LIVE 2
Chair(s):
Close, G. [United Kingdom]
He, z. [China]

MO-PM38-1

RELATIONSHIP BETWEEN HEIGHT, BODY MASS AND RUNNING SPEED PERFORMANCES IN YOUTH MALE SOCCER PLAYERS
Mathisen, G. et al [Norway]

MO-PM38-2

DEVELOPMENT AND RELIABILITY OF THE COLORADO COLLEGE ANAEROBIC CAPACITY TEST <CAT>
Bull, A. et al [United States]

MO-PM38-3

VALUATION OF FOOTBALL PLAYERS LEVEL BY LOWER LIMBS STRENGTH USING CMJ 2.1
Rossi, A. et al [Italy]

MO-PM38-4

FACTORS AFFECTING SLEEP BEHAVIOURS IN PROFESSIONAL AUSTRALIAN FOOTBALL PLAYERS
Coutts, A.J. et al [Australia]

MO-PM38-5

INTENSITY AND ENERGY EXPENDITURE OF EXERCISIONS AND RATE OF PERCEIVED EXERTION AFTER FUTSAL TOURNAMENT MATCHES
Walański, P. et al [Poland]

MO-PM38-6

YOUTH SOCCER PLAYERS WHO ENTER, CONTINUE AND -OUT A PROFESSIONAL YOUTH ACADEMY
Bidaurrazaga-Letona, I. et al [Spain]

MO-PM38-7

COMPARISON OF THE ENERGETIC PROFILE, TIME-MOTION AND TECHNICAL ACTIONS BETWEEN SMALL VS. LARGE-SIDED SOCCER GAMES
Oh, S. et al [Germany]

MO-PM38-8

AGE-RELATED DIFFERENCES IN COUNTERMOVEMENT VERTICAL JUMP IN BASKETBALL PLAYERS 13-18 YEARS OLD: COMPARISON WITH ELITE BASKETBALL PLAYERS.
Koulla, P. et al [Cyprus]

MO-PM38-9

WARM-UP FOR TEAM SPORTS: A DESCRIPTIVE REVIEW OF STUDIES AND PROCEDURES
Peña, J. et al [Spain]

MO-PM39 Training and Testing: Team Sports II

LECTURE ROOM: HIGH LIVE 3
Chair(s):
Wagner, H. [Austria]
Ali, A. [New Zealand]

MO-PM39-1

THE EFFECTS OF RECOVERY TIME ON REPEATED SPRINT ABILITY IN SOCCER PLAYERS
Padulo, J. et al [Italy]

MO-PM39-2

ANALYSIS OF INTENSITY OF EXERCISE LOAD OF BASKETBALL PLAYERS IN A CHAMPIONSHIP MATCH IN THE CADETS CATEGORY – CASE STUDY
Vala, R. et al [Czech Republic]

MO-PM39-3

THE INFLUENCE OF SMALL SIDED GAMES PITCH SIZE ON INTERNAL AND EXTERNAL LOAD
Malone, S. et al [Ireland]

MO-PM39-4

EARLY PREDICTION OF MAXIMAL HEART RATE DURING INCREMENTAL TESTING IN YOUNG SOCCER PLAYERS
Di Michele, R. et al [Italy]

MO-PM39-5

PERFORMANCE CHANGES IN WOMEN'S HANDBALL PLAYERS FOLLOWING TWO DIFFERENT TRAINING PERIODIZATION MODELS
Manchado, C. et al [Spain]

MO-PM39-6

MEASURING GAME INSIGHT SKILLS OF ELITE YOUNG FOOTBALL PLAYERS
Savelsbergh, G. [Netherlands]

MO-PM39-7

COMPLEX STAGE TESTING IN YOUNG SOCCER PLAYERS
Berdnikova, A. et al [Russia]

MO-PM40 Training and Testing: Endurance

LECTURE ROOM: HIGH LIVE 4
Chair(s):
Levels, K. [Netherlands]
Sandbakk, Ø. [Norway]

MO-PM40-1

ACCURACY OF PREDICTIVE MAXIMAL HEART RATE EQUATIONS IN FEMALE ATHLETES
Reilly, E. et al [United States]

MO-PM40-2

RELATIONSHIP BETWEEN AEROBIC FITNESS AND MATCH ACTIVITY PROFILES OF JAPANESE YOUNG SOCCER REFEREES
Yoshihiko, I. et al [Japan]

MO-PM40-3

COMPARISON OF OXYGEN UPTAKE KINETICS DURING LABORATORY AND FIELD CYCLING AT HIGH-INTENSITY EXERCISE
Prinz, B. et al [Austria]

MO-PM40-4

THE D-MAX METHOD IS A VALID LACTATE THRESHOLD MEASUREMENT FOR PREDICTING 5-KM TREADMILL RUNNING PERFORMANCE IN VETERAN ATHLETES
Forsyth, J. [United Kingdom]

MO-PM40-5

INTERVAL SPRINT TRAINING INCREASES AEROBIC CAPACITY IN PRIMARY SCHOOL CHILDREN
Kappenstein, J. et al [Germany]

MO-PM40-6

A SPECIFIC REPEATED SPRINT ABILITY TEST FOR YOUNG TENNIS PLAYERS: VALIDITY AND VENTILATORY CHANGES
Martínez-Cantó, A. et al [Spain]

MO-PM40-7

EFFECT OF DIFFERENT TIME-AVERAGING INTERVALS ON THE VALID DETERMINATION OF VO₂PEAK IN CHILDREN AND ADOLESCENTS WITH CHRONIC KIDNEY DISEASE
Herhaus, B. et al [Germany]

MO-PM40-8

IS HEART RATE A VALID MEASURE TO MONITOR EXERCISE INTENSITY DURING TRAIL RUNNING IN UNDULATING TERRAIN?
Born, D.P. et al [Germany]

MO-PM41 Training and Testing: Endurance & Clinical

LECTURE ROOM: LIVE 1
Chair(s):
Willems, M. [United Kingdom]
Evans, W. [United States]

MO-PM41-1

VALIDATION OF A SINGLE BLOOD LACTATE MEASUREMENT AS A PRACTICAL ALTERNATIVE TO FIXED BLOOD LACTATE THRESHOLDS IN ATHLETES
García-Tabar, I. et al [Spain]

MO-PM41-2

PHYSIOLOGICAL CHARACTERISTICS AND PERFORMANCE ANALYSIS OF MONZA-RESEGONE NIGHT-RUN ATHLETES
Zaccaria, D. et al [Italy]

MO-PM41-3

DOES SELF-STRUCTURED RUNNING IMPROVE RUNNING ECONOMY AND V_{O₂MAX} IN NOVICE RUNNERS; A 31-WEEK PROSPECTIVE STUDY.
Rokkedal-Lausch, T. [Denmark]

MO-PM41-4

A NEW TREADMILL TEST TO EVALUATE AEROBIC INDICES FROM UPHILL RUNNING
de Lucas, R. et al [Brazil]

MO-PM41-5

CARDIOVASCULAR AND METABOLIC RESPONSES DURING ON-WATER UPWIND SAILING IN OPTIMIST SAILORS
Capelli, C. et al [Norway]

MO-PM41-6

CRITICAL VELOCITY DOES NOT REFLECT STEADY STATE EXERCISE IN LONG TRACK SPEED SKATING
Mulder, R. et al [Netherlands]

MO-PM41-7

IDENTIFYING TRAINING THAT IMPROVED PERFORMANCE: ANALYSIS OF LARGE GPS TRAINING DATASETS IN WELL-TRAINED RUNNERS
Passfield, L. et al [United Kingdom]

MO-PM41-8

INTERINDIVIDUAL VARIATION IN THE RELATIONSHIP OF DIFFERENT INTENSITY MARKERS – A CHALLENGE FOR TARGETED TRAINING PRESCRIPTIONS
Hecksteden, A. [Germany]

MO-PM41-9

HEADACHE RESPONSE TO SPECIFIC STRENGTH TRAINING FOR TENSION-TYPE HEADACHE PATIENTS IN A RANDOMIZED CONTROLLED STUDY
Madsen, B.K. et al [Denmark]

Mini-Oral Presentations

MO-PM41-10

IS THE EKBLOM-BAK TEST A VALID SCREENING TOOL FOR VO₂PEAK IN HIGHLY ACTIVE INDIVIDUALS?

Cardinale, D. et al [Sweden]

MO-PM41-11

VALIDATION OF TWO SUBMAXIMAL EXERCISE TESTS IN BREAST CANCER PATIENTS UNDERGOING CHEMOTHERAPY TREATMENT

Mijwel, S. et al [Sweden]

MO-PM42 Training and Testing: Interval training, Time trial

LECTURE ROOM: LIVE 2

Chair(s):

Cotter, J. [New Zealand]

Mattsson, C. [Sweden]

MO-PM42-1

A NOVEL APPROACH TO THE PRESCRIPTION OF HIGH-INTENSITY INTERVAL TRAINING USING THE CRITICAL VELOCITY ON A YOYOIRT

Collins, K. et al [Ireland]

MO-PM42-2

ACUTE EFFECTS OF A TRAINING SESSION ON IGF-1 AND IGFBP3 CONCENTRATIONS OF JIU-JITSU FIGHTERS

Tourinho Filho, H. et al [Brazil]

MO-PM42-3

DETERMINATION OF ANAEROBIC THRESHOLD'S CORRECTION FACTORS IN DIFFERENT INTERMITTENT TRAINING SETS IN SWIMMING

Gobbi, R.B. et al [Brazil]

MO-PM42-4

HIGH INTENSITY INTERVAL TESTING IN SPORT

Zakharova, A. et al [Russia]

MO-PM42-5

MONITORING FATIGUE AND RECOVERY DURING HEAVY STRENGTH TRAINING

Raeder, C. et al [Germany]

MO-PM42-6

PACING ACCURACY DURING AN INCREMENTAL STEP TEST IN ADOLESCENT SWIMMERS

Scruton, A. et al [United Kingdom]

MO-PM42-7

PACING STRATEGY, MOOD AND HORMONAL RESPONSE IN YOUTH ATHLETES DURING OFFICIAL TRIATHLON AND DUATHLON COMPETITIONS

Piacentini, M.F. et al [Italy]

MO-PM42-8

INDICATORS OF PHYSICAL LOAD AND STRAIN DURING SIMULATED TIME TRIALS IN TRAINED CYCLISTS – EFFECTS OF FATIGUE STATUS AND SUBJECT IDENTITY

Schwindling, S. et al [Germany]

MO-PM42-9

EFFECTS OF ISCHEMIC PRECONDITIONING ON PERFORMANCE MAY BE PARTLY A PLACEBO EFFECT?

Marocolo, M. et al [Brazil]

MO-SH09 Psychology III

LECTURE ROOM: LIVE 3

Chair(s):

Biddle, S. [Australia]

Hutter, V. [Netherlands]

MO-SH09-1

THE RELATIONSHIP BETWEEN SEX ROLES AND NARCISSISM AND SELF-ESTEEM IN SPORT MANAGERS

Zargar, T. [Iran]

MO-SH09-2

CAREER TRANSITIONS AND OCCUPATIONAL WELL-BEING IN LEADERSHIP: THE CASE OF WOMEN AS SPORTS COACHES

Didymus, F.F. et al [United Kingdom]

MO-SH09-3

DO DRIVE FOR MUSCULARITY, BODY ESTEEM, SELF-EFFICACY AND PHYSICAL ACTIVITY LEVEL DIFFER BETWEEN SELECTED AND NON-SELECTED MALE AND FEMALE CANDIDATES TO OFFICER CANDIDATE SCHOOLS?

Stornæs, A.V. et al [Norway]

MO-SH09-4

ASSOCIATIONS OF PHYSICAL ACTIVITY, CARDIORESPIRATORY FITNESS AND MOTOR SKILL TO EXECUTIVE FUNCTION: THE ACTIVE SMARTER KIDS STUDY

Aadland, K. et al [Norway]

MO-SH09-5

EFFECT OF PHYSICALLY ACTIVE ACADEMIC LESSONS ON CHILDREN'S ACADEMIC ACHIEVEMENT: A RANDOMIZED CONTROLLED TRIAL

Hartman, E. et al [Netherlands]

MO-SH09-6

PERCEIVED TEACHING CONTROL AND PSYCHOLOGICAL NEED FRUSTRATION AS PREDICTORS OF STUDENT MOTIVATION AND MOTIVATION-RELATED OUTCOMES ACROSS A SCHOOL YEAR

Ntoumanis, N. et al [Australia]

MO-SH09-7

EFFECTS OF ACUTE YOGA PRACTICE ON CARDIAC AUTONOMIC CONTROL AND STRESS RESPONSE

Lin, Y.J. et al [Taiwan]

MO-PM43 Training and Testing: Coordination & Agility

LECTURE ROOM: LIVE 4

Chair(s):

Nicol, C. [France]

Nassis, G. [Qatar]

MO-PM43-1

FOAM ROLLING OF THE ANKLE DORSIFLEXORS AND PLANTARFLEXORS DOES NOT AFFECT VERTICAL JUMP PERFORMANCE IN YOUNG HEALTHY ADULTS

Sempf, F. et al [Germany]

MO-PM43-2

STRENGTH AND BALANCE DEVELOPMENT IN FEMALE SOCCER PLAYERS

Roth, R. et al [Switzerland]

MO-PM43-3

COMPARISON OF VARYING INTENSITIES ON MUSCLE ACTIVATIONS DURING BENCH PRESS IN TRAINED AND UNTRAINED MEN

Jeon, H.S. et al [Korea, South]

MO-PM43-4

THE EFFECTS OF 8-WEEKS BALANCE TRAINING ON BALANCE, AGILITY AND JUMPING SKILLS OF COLLEGIATE ACTIVE FEMALE

Sahin, F.N. et al [Turkey]

MO-PM43-5

ACCELERATION, AGILITY AND CHANGE OF DIRECTION SPEED OF SUB-ELITE U-15 SOCCER PLAYERS: VARIATION BY PLAYING POSITION

Trecroci, A. et al [Italy]

MO-PM43-6

MULTIVARIATE STATISTICAL ASSESSMENT OF PREDICTORS OF FIREFIGHTERS' MUSCULAR AND AEROBIC WORK CAPACITY

Lindberg, A. et al [Sweden]

MO-PM43-7

PHYSIOLOGICAL PROFILES OF DIFFERENT COMPETITIVE LEVELS AND WEAPONS OF FENCERS

Lo, K.K. et al [Hong Kong]

MO-PM43-8

EFFECTS OF DIFFERENT PACESETTERS DURING CYCLOERGOMETER EXERCISE

Leccia, D. et al [Italy]

MO-PM44 Training and Testing: Mixed

LECTURE ROOM: LIVE 5

Chair(s):

Hodson-Tole, E. [United Kingdom]

Ishikawa, M. [Japan]

MO-PM44-1

CHANGES IN PHYSICAL PERFORMANCE AND BODY COMPOSITION OF SOLDIERS DURING A 6-MONTH CRISIS MANAGEMENT OPERATION

Pihlainen, K. et al [Finland]

MO-PM44-2

A NEW ESTIMATION METHOD FOR MALE ATHLETE'S TOTAL SKELETAL MUSCLE MASS BY USING ULTRASONOGRAPHY: DIFFERENCE OF PREDICTION MODEL WITH SEDENTARY POPULATION

Toda, Y. et al [Japan]

MO-PM44-3

SENSIBILITY OF THE VO₂PEAK AND ANAEROBIC CAPACITY TO MATURATION STAGES AND THEIR POSSIBLE RELATION WITH SWIMMING PERFORMANCE

Campos, E.Z. et al [Brazil]

MO-PM44-4

THE ACUTE EFFECTS OF DIFFERENT STRETCHING PROTOCOLS ON TAEKWONDO KICKING PERFORMANCE

Wu, C.M. et al [Taiwan]

MO-PM44-5

SHOULDER STRENGTH RATIOS OF BOXER ATHLETES

Tasiopoulos, I.G. et al [Greece]

MO-PM44-6

THE RELATIVE AGE EFFECT IN EUROPEAN PROFESSIONAL SOCCER: DID TEN YEARS OF RESEARCH MAKE ANY DIFFERENCE?

Helsen, W. et al [Belgium]

MO-PM29 Sports Medicine and Orthopedics: Mixed session II

LECTURE ROOM: LIVE 6

Chair(s):

Nyberg, M. [Denmark]

Tornberg, Å. [Sweden]

MO-PM29-1

EFFECTS OF CONTRAST BATHING ON AUTONOMIC NERVOUS ACTIVITY

Ito, H. et al [Japan]

MO-PM29-2

KIDNEY INJURY AND ATHLETES ANAEMIA AFTER THE SÃO PAULO INTERNATIONAL MARATHON

Sierra, A. et al [Brazil]

MO-PM29-3

EFFECT OF SLEEP QUALITY ON COGNITIVE FUNCTION DURING EXERCISE IN ATHLETES.

Akazawa, N. et al [Japan]

MO-PM29-4
INVESTIGATION OF THE ADEQUATE METHOD OF LIQUID INTAKE FOR DOPING CONTROL 2
Tanabe, Y. et al [Japan]

MO-PM29-5
INVESTIGATION OF THE ADEQUATE METHOD OF LIQUID INTAKE FOR DOPING CONTROL
Etsuko, K. et al [Japan]

MO-PM29-6
THE CHALLENGES AND NEEDS FACED BY NATIONAL SWIMMING FEDERATIONS IN PROMOTING HEALTH.
de la Cruz Marquez, J. et al [Spain]

MO-PM29-7
INCIDENCE OF INJURIES AND ASSOCIATED FACTORS IN TRADITIONAL WRESTLING
Casals, M. et al [Spain]

MO-PM29-8
LIFESTYLE OF RUGBY PLAYERS IN COLOMBIA: A PILOT STUDY
Martínez-Rueda, R. et al [Colombia]

MO-PM29-9
SPORTS INJURIES DURING THE 2014 WORLD UNIVERSITY FLOORBALL CHAMPIONSHIP
Mukherjee, S. et al [Singapore]

MO-PM36 Training and Testing: Strength and neuromuscular physiology

LECTURE ROOM: LIVE 7
Chair(s):
Raastad, T. [Norway]
Baudry, S. [Belgium]

MO-PM36-1
PERIODIZED MAXIMUM STRENGTH AND POWER TRAINING-INDUCED CHANGES IN MUSCLE ACTIVATION LEVEL AND CONCOMITANT CHANGES IN FORCE PRODUCTION
Peltonen, H. et al [Finland]

MO-PM36-2
RELATIONSHIP BETWEEN MUSCLE POWER PRODUCED IN THE ACCELERATION AND THE DECEL-

ERATION PHASE OF TRUNK ROTATIONS WITH DIFFERENT WEIGHTS
Zemková, E. et al [Slovakia]

MO-PM36-3
EVALUATION OF TRAINING LOAD DURING SUSPENSION TRAINING: IS SESSION-RPE A VALID METHOD?
Giancotti, G.F. et al [Italy]

MO-PM36-4
MUSCULAR ACTIVITIES DURING NORMAL, SPEED, AND JUMP BASED PUSH UP EXERCISE
Song, S.H. et al [Korea, South]

MO-PM36-5
THE ANALYSIS OF YOUNG TENNIS PLAYERS UPPER EXTREMITY MUSCLE STRENGTH CONTRA-LATERAL IMBALANCE DURING A ONE YEAR STUDY
Zusa, A. et al [Latvia]

MO-PM36-6
POST-ACTIVATION POTENTIATION VS. FATIGUE USING TWO ISOMETRIC STRENGTH TRAINING PROTOCOLS: EFFECTS ON TWITCH TORQUE
Patikas, D. et al [Greece]

MO-PM36-7
ADAPTATIONS IN MOTONEURON AND MOTOR UNIT PROPERTIES TO THE CHRONIC COMPENSATORY MUSCLE OVERLOAD
Krutki, P. et al [Poland]

MO-PM36-8
INVESTIGATION OF THE NEUROMUSCULAR CONTROL AND PLASTICITY OF INTRINSIC FOOT MUSCLE ACTIVATION IN HUMAN
Mileva, K. et al [United Kingdom]

MO-BN02 Coaching

LECTURE ROOM: LIVE 8
Chair(s):
Christiansen, L. [Denmark]
Ekberg, J. [Sweden]

MO-BN02-1
THE EFFECTS OF TENNIS ON QUADRATUS LUMBORUM MUSCLE IN CHILDREN: A VOLUMETRIC MRI STUDY
Sanchis-Moysi, J. et al [Spain]

MO-BN02-2
RELATIONSHIP BETWEEN CONTRACTION INTENSITY AND MUSCLE HARDNESS ASSESSED BY REAL-TIME TISSUE ELASTOGRAPHY FOR THE ELBOW FLEXORS AT DIFFERENT JOINT ANGLES
Inami, T. et al [Japan]

MO-BN02-3
ACUTE EFFECT OF DIFFERENT WARM-UP PROTOCOLS ON MECHANICAL PROPERTIES OF THE BICEPS BRACHII MUSCLE IN HEALTHY SUBJECTS
Yu-Jen, C. et al [Taiwan]

MO-BN02-4
RESTING MUSCLE HARDNESS OF BICEPS BRACHII ASSESSED BY A PRESSURE METER IN COMPARISON TO REAL TIME ELASTOGRAPHY
Murayama, M. et al [Japan]

MO-BN02-5
COMPARISON OF MUSCLE ELASTICITY BETWEEN PASSIVE AND ACTIVE CONDITION
Kato, E. et al [Japan]

MO-BN02-6
EVALUATION OF FORCE-VELOCITY AND POWER-VELOCITY RELATIONSHIP OF ARM MUSCLES
Nedeljkovic, A. et al [Serbia]

MO-BN02-7
MUSCULOTENDINOUS MECHANICAL PROPERTIES AND LOWER LIMB MORPHOLOGY IN TRACK AND FIELD ATHLETES
Hisano, T. et al [Japan]

MO-BN02-8
THE EFFECT OF KINESIO TAPING ON QUADRICEPS PAIN PREVENTION
Hao-Wei, Y. [Taiwan]

MO-BN02-9
LONG TERM EFFECTS OF LANDING SURFACE STABILITY ON JUMP PERFORMANCE
Pollitt, L. et al [United Kingdom]

MO-SH14 Sports statistics & Analysis III

LECTURE ROOM: LIVE 10
Chair(s):
Araujo, D. [Portugal]
Jaitner, T. [Germany]

MO-SH14-1
ACTIVITY PROFILE OF 'LA LIGA' SOCCER PLAYERS DURING A SEASON
Buscà, B. et al [Spain]

MO-SH14-2
RELATIONSHIPS BETWEEN EXPERIENCE OF PLAYING GAMES AND THE EXPERT KNOWLEDGE IN FEMALE BASKETBALL PLAYERS
Sakuragi, K. et al [Japan]

MO-SH14-3
QUANTIFICATION OF NUMBER AND APPEARANCE RATIO OF A BALL CONTROL PLAY FACING OPPONENT'S GOAL IN SOCCER.
Kai, T. et al [Japan]

MO-SH14-4
EXPLORING GOAL SCORING CERTAINTY IN SOCCER: THE INFLUENCES OF PLAYING LEVEL, PASSING AND SHOOTING SKILLS, AND FATIGUE
Tenga, A. et al [Norway]

MO-SH14-5
COMPARISON OF PHYSICAL PERFORMANCE AMONG BRAZILIAN YOUNG HANDBALL PLAYERS OF DIFFERENT AGE-CATEGORIES BEFORE AND AFTER CONTROLLING FOR MATURATION
Ramos, M. et al [Brazil]

MO-SH14-6
RUGBY UNION MOVEMENT PATTERNS: THE IMPACT OF FATIGUE AND SUBSTITUTE PLAYERS
Tee, J. et al [South Africa]

MO-SH14-7
VIDEO BASED NOTATIONAL ANALYSIS OF BALL POSSESSION IN US NATIONAL COLLEGIATE ATHLETIC ASSOCIATION <NCAA> DIVISION I MEN'S LACROSSE
Hauer, R. et al [Austria]

MO-SH14-8
EFFECTS OF AUGMENTED QUANTITATIVE FEEDBACK ON HIGH SCHOOL BASKETBALL PLAYERS' PERFORMANCE
Tay, C. [Singapore]

MO-SH14-9
BIASED PENALTY CALLS IN THE NATIONAL HOCKEY LEAGUE
Swartz, T. [Canada]

MO-SH14-10
TACTICAL ANALYSES OF BRAZILIAN FEMALE NATIONAL HANDBALL TEAM IN 2012 LONDON OLYMPICS
Valtner, T.T. et al [Brazil]

PP-UD01 e-poster

Adapted Physical Activity

PP-UD01-1-1

IMPACT OF AN ADAPTED PHYSICAL ACTIVITY FOR PATIENTS WITH CHRONIC KIDNEY DISEASE

Frih, B. et al [Tunisia]

PP-UD01-1-2

EFFECT OF BLOOD VOLUME ON PLASMA VOLUME SHIFT DURING EXERCISE

Ogura, T. et al [Japan]

PP-UD01-1-3

BLOOD VOLUME AND AEROBIC PERFORMANCE IN ELITE SOCCER PLAYER

Kaita, K. et al [Japan]

PP-UD01-1-4

LONG-TERM ENDURANCE EXERCISE IN MS PATIENTS – IMPACT ON QUALITY OF LIFE AND DEPRESSIVE SYMPTOMS IN RELATION TO BASELINE FATIGUE

Wonneberger, M. et al [Germany]

PP-UD01-1-5

ASSOCIATION OF PHYSICAL ACTIVITIES AND SEDENTARY BEHAVIORS WITH SLEEP DISTURBANCE BY DIFFERENCE BETWEEN COMMUNITY-DWELLING ELDERLY WITH AND WITHOUT MUSCULOSKELETAL PAIN.

Saito, T. et al [Japan]

PP-UD01-1-6

INFLUENCE OF BLINDNESS ON INTERMITTENT RUNNING PERFORMANCE

Hoos, O. et al [Germany]

PP-UD01-1-7

INFLUENCE OF HIP THERAPY ON RESPIRATORY MUSCLE STRENGTH IN INDIVIDUALS WITH DOWN SYNDROME IN THE FEDERAL DISTRICT, BRAZIL

Barros, J.F. et al [Brazil]

PP-UD01-1-8

INFLUENCE ON V-WAVE RECOVERY CURVE DURING SKIN COOLING USING A DOUBLE STIMULATION METHOD

Yona, M. et al [Japan]

PP-UD01-1-9

LIFE QUALITY OF SPINAL CORD INJURED

Silva, A.R. et al [Brazil]

PP-UD01-1-10

METABOLIC CHANGES IN HUMAN MUSCLE WITH 90 DAY BED-REST AND RESISTANCE EXERCISE

Cussó, R. et al [Spain]

PP-UD01-1-11

DO CANCER PATIENTS RE-CALL PHYSICAL ACTIVITY FROM LAST WEEK?

Vassbakk-Brovold, K. et al [Norway]

PP-UD01-1-12

COMPARISON OF PHYSICAL ACTIVITY BETWEEN ADOLESCENTS LIVING IN A COASTAL AREA AFFECTED BY THE GREAT EAST JAPAN EARTHQUAKE AND TSUNAMI AND THOSE OUTSIDE AN AFFECTED AREA

Okazaki, K. et al [Japan]

PP-UD01-1-13

PHYSICAL ACTIVITY AND OBESITY IN DOWN'S SYNDROME

Joffroy, S. et al [France]

Biomechanics

PP-UD01-2-1

EFFECTS OF TENNIS ON PARASPINAL MUSCLES IN PREPUBESCENT AND PROFESSIONAL PLAYERS: A VOLUMETRIC MRI STUDY

Dorado, C. et al [Spain]

PP-UD01-2-2

THE CHARACTERISTICS OF LOWER LIMB MOTOR FUNCTION AND KINEMATICS OBSERVED IN 2 STEP TEST: FOCUS ON THE DISTINCTION AMONG THE RISK OF

FALLING.

Miyamoto, R. et al [Japan]

PP-UD01-2-3

MUSCLE ACTIVATION OF WORLD-CLASS BREASTSTROKE SWIMMERS

Olstad, B.H. et al [Norway]

PP-UD01-2-4

MUSCLE ACTIVATION AND KINEMATIC DIFFERENCES BETWEEN FEMALE AND MALE ELITE BREASTSTROKE SWIMMERS

Grydeland, M. et al [Norway]

PP-UD01-2-5

DEPENDENCE OF SPORTS RESULT IN JERK OF THE BAR FROM THE LEVEL OF PHYSICAL READINESS OF SPORTSMEN AND BIOMECHANICAL PARAMETERS OF MOVEMENT

Sivokhin, I. et al [Kazakhstan]

PP-UD01-2-6

COMPARISON OF CONCENTRIC FORCES BETWEEN TWO VERTICAL JUMPS ON LAND OR IN WATER

Chen, W.C. et al [Taiwan]

PP-UD01-2-7

DIFFERENT ATTACHMENT POINTS OF RESISTED METHODS AND ITS CONSEQUENCES IN VELOCITY TRAINING: A DYNAMOMETRIC STUDY

Lemos, L. et al [Brazil]

PP-UD01-2-9

MUSCLE ACTIVITIES IN LOWER LIMB AFFECT TO THE CRANK FORCE DURING MAXIMAL PEDALING

Tanaka, S. et al [Japan]

PP-UD01-2-10

STRUCTURAL AND CONTRACTILE PROPERTIES OF THE THIGH MUSCLE IN SPRINTER AND LONG DISTANCE RUNNERS

Hiratsuka, K. et al [Japan]

PP-UD01-2-11

CHANGES IN BILATERAL ASYMMETRY OF PEDALLING POWER AND MUSCLE ACTIV-

ITY DURING 30 SECONDS ISOKINETIC SPRINT CYCLING

Rannama, I. et al [Estonia]

PP-UD01-2-12

THE DIFFERENCING OF STRING TENSION ON HITTING PERFORMANCE IN BAN-MINTON ATHLETE

Vanasant, T. [Thailand]

PP-UD01-2-13

KNEE INJURY ASSESSMENT USING SUBJECT-SPECIFIC BIOMECHANICAL MODELS OF HUMAN KNEE JOINT

Goebel, R. et al [Qatar]

PP-UD01-2-14

RELATIONSHIP BETWEEN MECHANICAL CHARACTERISTICS OF THE PATELLAR TENDON AND BODY SIZE IN HUMAN

Hegyí, A. et al [Hungary]

PP-UD01-2-15

KINETIC CHARACTERISTICS OF KICKING MOTION BETWEEN FOOTBALL PLAYERS WITH OR WITHOUT GROIN PAIN –FROM MOTION ANALYSIS OF THE KICKING LEG AND THE TRUNK DURING INSTEP KICK-

Murakami, K. et al [Japan]

PP-UD01-2-16

ACCURATE EVALUATION OF JOINT FORCES AND MOMENTS IN WHOLE BODY JOINTS DURING GAIT USING WEARABLE INERTIAL MOTION SENSORS AND IN-SHOE PRESSURE SENSORS

Kim, Y.H. et al [Korea, South]

PP-UD01-2-17

BALANCE RECOVERY AFTER RANDOM PERTURBATIONS – INTERACTION EFFECTS OF DIFFERENT STIMULUS VARIABLES

Freyler, K. et al [Germany]

PP-UD01-2-18

RESISTANCE TRAINING INDUCES BENEFICIAL BIOMECHANICAL ADAPTATIONS IN OLD TENDON RATS

Marqueti-Durigan, R.C. et al [Brazil]

PP-UD01-2-19

THE EFFECT OF LOWER EXTREMITY MASSES AND VOLUMES ON THE BALANCE PERFORMANCE OF ATHLETES

Akil, M. et al [Turkey]

PP-UD01-2-20

CHANGES IN ENERGY COST AND STRIDE PARAMETERS DURING A LONG DISTANCE EXERCISE IN RUNNING

Deflandre, D. et al [Belgium]

PP-UD01-2-21

A SCOTT BENCH WITH AN ERGONOMIC PROFILE IMPROVES POSTURE DURING ARM CURL EXERCISE

Benvenuti, P. et al [Italy]

PP-UD01-2-22

THE EFFECT OF SOMATOTYPE CHARACTERISTICS OF ATHLETES ON THE BALANCE PERFORMANCE

Top, E. et al [Turkey]

PP-UD01-2-23

BIOMECHANICAL PREDICTORS OF WRIST SHOT SUCCESS IN FLOORBALL

Lazzeri, M. et al [Switzerland]

PP-UD01-2-24

EFFECTS OF THE LEVEL OF MUSCLE PRE-ACTIVATION OF THE LOWER EXTREMITIES FROM DIFFERENT JUMP PATTERNS.

Shin, J.M. et al [Korea, South]

PP-UD01-2-25

BIOMECHANICAL EFFECTS OF ELASTIC BANDS, CHAINS AND FREE-WEIGHT RESISTANCE ON SUBMAXIMAL BACK SQUAT EXERCISE

Mina, M.A. et al [United Kingdom]

PP-UD01-2-26

ASSESSMENT OF ELBOW TORQUE-VELOCITY CURVE FITTING WITH DIFFERENT OPTIMIZATION CRITERIA

Koroleova, G. et al [Bulgaria]

Coaching

PP-UD01-3-1

THE BILATERAL DEFICIT IN VERTICAL JUMPING IS AFFECTED BY BALANCE ABILITY IN YOUNG MALE ATHLETES

Veligeas, P. et al [Greece]

PP-UD01-3-2

SELF-DETERMINATION IN SPORT: A STUDY OF BRAZILIAN RHYTHMIC GYMNASTICS ATHLETES

Fontana, P.S. et al [Brazil]

PP-UD01-3-3

INFLUENCE OF DIFFERENT STRENGTH TRAINING ON RATING OF PERCEIVED EFFORT OF RUNNING

Storniolo Junior, J. [Italy]

PP-UD01-3-4

QUANTIFICATION AND ANALYSIS OF OFFENSIVE SITUATIONS IN SIDED GAMES IN SOCCER

Diaz-Cidoncha, J. et al [Switzerland]

PP-UD01-3-5

FACTORIAL STRUCTURE OF DECISION-MAKING ABILITY IN DRIBBLING PLAYS IN BASKETBALL

Yaita, A. et al [Japan]

PP-UD01-3-6

DIFFERENCES IN THE LANDING POSITIONS OF REBOUND BALLS BETWEEN ONE-HANDED AND TWO-HANDED THREE-POINT SHOTS IN BASKETBALL

Tsuyoshi, K. et al [Japan]

PP-UD01-3-7

A STUDY ON THE EFFECTIVENESS OF A NEW COACHING DEVICE FOR THE MOVEMENT COACHING

Murayama, D. [Japan]

PP-UD01-3-8

ROLES OF GENETIC FACTORS IN ION OF THE VOLLEYBALL TALENT

Katalin, B. [Hungary]

PP-UD01-3-9

DEVELOPING A PSYCHOLOGICAL COACHING MODEL FOR UNIVERSITY BASEBALL ATHLETES —STRUCTURAL EQUATION MODEL WITH TEAM ADAPTATION AND MAL-ADAPTATION AS MEDIATOR VARIABLES—
Shimizu, Y. et al [Japan]

PP-UD01-3-10

ABILITY FOR CHANGE OF DIRECTION PERFORMANCE WITH THE REACTIVE AND DECISION-MAKING IN SOCCER PLAYERS
Maehana, H. et al [Japan]

PP-UD01-3-11

CORRELATION BETWEEN 400-M SPRINT PERFORMANCE AND MAXIMAL ACCUMULATED OXYGEN DEFICIT IN DIFFERENT EXERCISE MODES
Mori, K. et al [Japan]

Health and Fitness

PP-UD01-4-1

DEVELOPMENT OF HEALTH INDEX FOR SUCCESSFUL AGING IN ELDERLY PEOPLE
Park, J. et al [Korea, South]

PP-UD01-4-2

INFLUENCE OF SUPERVISION RATIO IN RESISTANCE TRAINING ON CYTOKINES PARAMETERS OF THE ELDERLY WOMEN.
Vieira, D. et al [Brazil]

PP-UD01-4-3

AFFECTIVE RESPONSE DURING A SINGLE BOUT OF HIGH-INTENSITY INTERVAL EXERCISE BETWEEN PHYSICALLY ACTIVE AND INSUFFICIENTLY ACTIVE MEN
Costa, E. et al [Brazil]

PP-UD01-4-4

EFFECTS OF THE "NATIONAL EXERCISE REFERRAL SCHEME" IN TAIWAN TO PROMOTE PHYSICAL ACTIVITY AND PHYSICAL FITNESS IN ADULT.
Lin, I.C. et al [Taiwan]

PP-UD01-4-5

THE EFFECT OF AGE AND GENDER ON PHYSICAL FITNESS IN CHILDREN
Zenuni, Z. et al [Kosovo]

PP-UD01-4-6

RELATIONSHIP BETWEEN ENVIRONMENTAL FACTORS AND PHYSICAL ACTIVITY IN CHINESE OLDER ADULTS
Tu, K. et al [Taiwan]

PP-UD01-4-7

ATTENUATED GLUCOSE HOMEOSTASIS IN SIMVASTATIN TREATED PATIENTS MAY BE CAUSED BY DECREASED LIPID SYNTHESIS CAPACITY IN SKELETAL MUSCLE
Vigelsø, A. et al [Denmark]

PP-UD01-4-8

EFFECT OF MODERATE AND HIGH INTENSITY INTERMITTENDURANCE EXERCISE ON POST EXERCISE HYPOTENSION
Gjoavaag, T. et al [Norway]

PP-UD01-4-9

DIFFERENCES IN QUALITY OF LIFE BETWEEN ELDERLY RESIDENTS OF RURAL AND URBAN AREAS
Zivkovic, D. et al [Serbia]

PP-UD01-4-10

EFFECTS OF 12 WEEKS EXERCISE ON PERIPHERAL BDNF, FGF AND IGF-1 IN OBESE ADOLESCENTS
Kim, S. et al [Korea, South]

PP-UD01-4-11

APPLICABILITY OF ANTHROPOMETRIC MEASURES FOR ESTIMATING WHOLE-BODY SKELETAL MUSCLE VOLUME IN CHILDREN
Ohta, M. et al [Japan]

PP-UD01-4-12

FITNESS TESTS TO PREDICT FUNCTIONALITY IN OLDER ADULTS WITH AMNESTIC MILD COGNITIVE IMPAIRMENT
Tortosa-Martínez, J. et al [Spain]

PP-UD01-4-13

RELATIONSHIPS BETWEEN PARENTAL AWARENESS OF PHYSICAL ACTIVITY DURING THEIR CHILD'S EARLY CHILDHOOD AND MOTOR SKILLS IN LATER CHILDHOOD
Hirano, T. et al [Japan]

PP-UD01-4-14

WOMEN HEALTH-RELATED FITNESS PARTICIPANTS' PERCEIVED AUTONOMY SUPPORT AND BASIC PSYCHOLOGICAL NEEDS IN TERMS OF EXERCISE STAGES OF CHANGE
Mehrtash, S. et al [Turkey]

PP-UD01-4-15

PREDISPOSITION TO PHYSICAL ACTIVITY IN FIREFIGHTERS OF LOMBARDY
Cereda, F. et al [Italy]

PP-UD01-4-16

SLEEP TIME MEASURED BY ACTIGRAPHY IN OLDER ADULTS: A BRIEF REVIEW
Sanchis-Soler, G. et al [Spain]

PP-UD01-4-17

EVALUATION OF RISK FACTORS ASSOCIATED WITH EXERCISE-INDUCED BRONCHOSPASM IN ADOLESCENTS
Leite, N. et al [Brazil]

PP-UD01-4-18

PHYSICAL ACTIVITY BEFORE AND DURING PREGNANCY IN HUNGARY
Barka, N. et al [Hungary]

PP-UD01-4-19

CHANGES AFTER AN 8-MONTHS SCHOOL-BASED PHYSICAL ACTIVITY INTERVENTION PROGRAM FOR OBESE CHILDREN AND ADOLESCENTS
Martins, C. et al [Brazil]

PP-UD01-4-20

AGE AND GENDER-RELATED DIFFERENCES IN FUNCTIONAL FITNESS AMONG COMMUNITY-DWELLING OLDER ADULTS IN TAIWAN
Lee, H. [Taiwan]

PP-UD01-4-21

EFFECTS OF INTERVAL TRAINING VERSUS CONTINUOUS TRAINING IN MODERATELY OBESE WOMEN: A PILOT STUDY
Garnier, S. et al [France]

PP-UD01-4-22

AEROBIC CAPACITY AND TEST OF VARIABLES OF ATTENTION PERFORMANCE IN ELEMENTARY SCHOOL-AGE CHILDREN
Wen, H. et al [Taiwan]

PP-UD01-4-23

ASSOCIATIONS BETWEEN PERMANENCE TIME IN A PHYSICAL ACTIVITY PROGRAM CARRIED OUT IN PRIMARY HEALTH CARE AND FUNCTIONAL FITNESS IN BRAZILIAN ADULTS
Campos, L. et al [Brazil]

PP-UD01-4-24

HIGH CARDIORESPIRATORY FITNESS ATTENUATES CAROTID ARTERIAL STIFFENING IN MEN WITH THE METABOLIC SYNDROME
Park, S. [Korea, South]

PP-UD01-4-25

BODY COMPOSITION, PHYSICAL ACTIVITY AND DIETARY INTAKE OF JAPANESE CHILDREN
Sasahara, C. et al [Japan]

PP-UD01-4-26

RESEARCHING THE HEALTH STATUS OF HEALTHCARE PROFESSIONALS WORKING IN AN INSTITUTE FOR CHRONICALLY ILL PSYCHIATRIC PATIENTS
Nagyvárad, K. et al [Hungary]

PP-UD01-4-27

THE EFFECT OF BIKE LANES DISTANCE ON BICYCLE COMMUTING ADOPTION – A LONGITUDINAL STUDY
Teixeira, I.P. et al [Brazil]

PP-UD01-4-28

PHYSICAL ACTIVITIES AND PHYSICAL EXERCISE THERAPY FORM REDUCING BLOOD PRESSURE AND HEART RATE FOR

BETTER QUALITY OF LIFE.
Bankoff, A.D.P. et al [Brazil]

PP-UD01-4-29

CONSCRIPTS PHYSICAL PERFORMANCE COMPARISON BEFORE AND AFTER BASIC TRAINING COURSE IN 2012 AND 2013
Stamm, M. et al [Estonia]

PP-UD01-4-30

PHYSICAL ACTIVITY AND CARDIORESPIRATORY FITNESS AS PROTECTIVE FACTORS TO HEALTH INDICATORS IN STUDENTS IN FULL TIME SCHOOL IN THE COUNTRYSIDE
Brito, L.M.S. et al [Brazil]

PP-UD01-4-31

MUSCULOSKELETAL PATHOLOGY EPIDEMIOLOGY FOR MILITARY PERSONNEL AND CIVIL GROUPS
Plavina, L. et al [Latvia]

PP-UD01-4-32

SHORT- AND LONG-TERM EFFECTS OF 10-WEEK CYCLE ERGOMETER INTERVENTIONS FOR OLDER ADULTS IN ASSISTED LIVING FACILITIES
Van Roie, E. et al [Belgium]

PP-UD01-4-33

APPLICATION OF SOMATIC MOVEMENT EDUCATION FOR TEACHING PILATES TO MIDDLE-AGED WOMEN
Lee, L. [Taiwan]

PP-UD01-4-34

BONE CHARACTERISTICS AND ANTHROPOMETRY IN HUNGARIAN MALE ELITE ATHLETES
Szmodis, M. et al [Hungary]

PP-UD01-4-35

POSTPRANDIAL ARTERIAL STIFFNESS IN EXERCISE-TRAINED VERSUS UNTRAINED MEN
Kobayashi, R. et al [Japan]

PP-UD01-4-36

AGE-RELATED CHANGES IN GROUND REACTION FORCE PARAMETERS DUR-

ING SIT-TO-STAND MOVEMENT IN MEN AGED 18–92 YEARS
Nakatani, T. et al [Japan]

PP-UD01-4-37

RELATIONSHIP BETWEEN CURRENT AND PAST PHYSICAL ACTIVITY PARTICIPATION AND BONE HEALTH STATUS IN MIDDLE-AGED AND OLDER WOMEN
Kimura, Y. [Japan]

PP-UD01-4-38

TO THE QUESTION OF SPORT BALLROOM DANCING INFLUENCE ON THE PSYCHO-EMOTIONAL STATUS OF 35-45 YEARS OLD WOMEN.
Kovalenko, T. et al [Russia]

PP-UD01-4-39

THE EFFECT OF LOW AND MODERATE INTENSITY PHYSICAL EXERCISE ON POSTURAL CONTROL AMONG 65 YEARS OLD AND OLDER MEN
Siemplewski, R. et al [Poland]

PP-UD01-4-40

EFFECTS OF DIFFERENT SCHOOL-BASED PHYSICAL ACTIVITY INTERVENTIONS ON CHILDREN'S MOTOR PROFICIENCY
Gallotta, M.C. et al [Italy]

PP-UD01-4-41

HYDROGYMNASTICS TRAINING PROGRAM ON PHYSICAL FITNESS IN ELDERLY WOMEN
Hall Lopez, J. [Mexico]

PP-UD01-4-42

COMBINED SCHOOL-BASED PHYSICAL ACTIVITY AND NUTRITIONAL INTERVENTION TO IMPROVE LIFESTYLE IN CHILDREN
Iazzoni, S. et al [Italy]

PP-UD01-4-43

PRELIMINARY STUDY ON THE SYNERGISTIC EFFECT OF ACUPUNCTURE USING PRESS TACK NEEDLE AND RESISTANCE TRAINING IN YOUNG ADULTS
Terada, K. et al [Japan]

PP-UD01-4-44

EFFECT OF 12 WEEK NON SUPERVISED WORK PLACE INTERVENTION ON DEPRESSION AND WORK ABILITY OF EMPLOYEES OF UNIVERSITY IN SAUDI ARABIA

Tomar, R. et al [Saudi Arabia]

PP-UD01-4-45

EFFECTS OF FOUR MONTHS OF PERIODIZED AQUATIC EXERCISE PROGRAM ON FUNCTIONAL AUTONOMY IN POST-MENOPAUSAL WOMEN WITH PARKINSON'S DISEASE

Ochoa Martinez, P. [Mexico]

PP-UD01-4-46

PROMOTING OFFICE STANDING VIA POINT OF CHOICE PROMPTS: EFFECTS ON SITTING TIME, CONCENTRATION AND NEUROMUSCULAR PERFORMANCE IN OFFICE WORKERS

Zahner, L. et al [Switzerland]

PP-UD01-4-47

ORTHOOREXIC EATING BEHAVIOR IN RELATION TO HEALTH STATUS AND PHYSICAL ACTIVITY: A COMPARISON BETWEEN STUDENTS IN TWO UNIVERSITY PROGRAMS

Malmborg, J. et al [Sweden]

PP-UD01-4-48

EFFECTS OF 12-WEEK CIRCUIT WEIGHT TRAINING AND AEROBIC EXERCISE ON BODY COMPOSITION, PHYSICAL FITNESS, AND PULSE WAVE VELOCITY IN OBESE COLLEGIATE WOMEN

Kang, H. et al [Korea, South]

PP-UD01-4-49

PHYSICAL ACTIVITY DURING PE LESSON AND AFTER-SCHOOL HOURS: ARE THEY ASSOCIATED WITH CHILDREN DAILY PHYSICAL ACTIVITY?

Cheung, P. [Hong Kong]

PP-UD01-4-50

THE RELATIONSHIP BETWEEN AEROBIC FITNESS AND COGNITIVE PERFOR-

MANCE: ROLE OF BRAIN POTENTIALS

Sun, J. et al [Taiwan]

PP-UD01-4-51

THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY AND VISUO-SPATIAL COGNITIVE FUNCTION IN ELDERLY ADULTS: AN EVENT-RELATED POTENTIAL STUDY

Wang, C. et al [Taiwan]

Molecular Biology and Biochemistry

PP-UD01-6-1

INFLUENCE OF PHYSICAL EXERCISE AND/OR ENALAPRIL IN THE ASSOCIATION BETWEEN HYPERTENSION AND SLEEP-RELATED MOVEMENT DISORDERS

Frank, M.K. et al [Brazil]

PP-UD01-6-2

SERUM FAS-LIGAND AND MIR-21 LEVELS AND THEIR ASSOCIATIONS WITH PHYSICAL PERFORMANCE OF MASTER MALE SPRINTERS – A 10 YEAR FOLLOW UP STUDY

Kangas, R. et al [Finland]

PP-UD01-6-3

WHETHER REGULAR EXERCISE IN THE JUVENILE PERIOD PREVENTS DEPRESSION-LIKE BEHAVIOUR IN THE MATURATION PERIOD

Nakajima, S. [Japan]

PP-UD01-6-4

OSTEOCALCIN GENE POLYMORPHISM AND BONE DENSITY IN HUNGARIAN ATHLETES

Bosnyák, E. et al [Hungary]

PP-UD01-6-5

THE EFFECT OF ESTROGEN ON THE RECOVERY PROCESS OF DAMAGED SKELETAL MUSCLES –USING HSP70 AS A MARKER–

Sakurai, T. [Japan]

PP-UD01-6-6

FIBRINOLYTIC ACTIVITY IS INHIBITED AFTER ACUTE STRENUOUS EXERCISE IN YOUNG OVERWEIGHT MEN

Fukada, K. et al [Japan]

PP-UD01-6-7

INACTIVATION OF SOCS3 IN LEPTIN RECEPTOR EXPRESSING CELLS PROTECTS MICE FROM HYPERPHAGIA AND WEIGHT REGAIN AFTER A CALORIE-RESTRICTED PERIOD

João, P. et al [Brazil]

PP-UD01-6-8

RESPONSE OF THE CARDIAC PHOSPHO-PROTEOME TO A GRADED EXERCISE TEST TO MEASURE PEAK OXYGEN UPTAKE .

Burniston, J.G. et al [United Kingdom]

PP-UD01-6-9

THE EFFECT OF AEROBIC, ANAEROBIC AND COMBINED TRAINING ON BLOOD IRON, TIBC AND TS OF ELITE WRESTLERS

Gahreman, D.E. et al [Australia]

PP-UD01-6-10

EFFECTS OF HABITUAL JOGGING EXERCISE ON GENE EXPRESSIONS IN MIDDLE-AGED HUMAN SKELETAL MUSCLE

Yamaguchi, T. [Japan]

Motor Learning

PP-UD01-7-1

THE QUIET EYE TRAINING IN THE AIMING MOTOR SKILL: INFLUENCE ON MOVEMENT PREPARATION

Mizusaki, Y. et al [Japan]

PP-UD01-7-2

EEG BRAIN ACTIVITY IN DIFFERENTIAL, CONTEXTUAL INTERFERENCE, AND CLASSICAL REPETITION ORIENTED BADMINTON SERVE TRAINING

Henz, D. et al [Germany]

PP-UD01-7-3

PERCEPTUAL TRAINING EFFECTS ON ANTICIPATION OF DIRECT AND DECEPTIVE

7-METER THROWS IN HANDBALL

Alsharji, K. [Kuwait]

PP-UD01-7-4

SPORT AND IMAGINATION IN YOUNG SCHOOL ATHLETES WHO COMPETED IN KÜTAHYA

Eynur, B.R. et al [Turkey]

Neuromuscular Physiology

PP-UD01-8-1

ECCENTRIC, BUT NOT CONCENTRIC PEAK TORQUE IS RELATED WITH COUNTERMOVEMENT JUMP PERFORMANCE IN HIGH LEVEL POWER ATHLETES

Bogdanis, G. et al [Greece]

PP-UD01-8-2

DOMINANT VS NON-DOMINANT ARM EMG ACTIVITY DURING MENTALLY SIMULATED ISOMETRIC HAND CONTRACTIONS IN RIGHT HANDERS

Paizis, C. et al [France]

PP-UD01-8-3

ACTIVATION PATTERNS AND CO-ACTIVATION OF SHANK MUSCLES IN YOUNG CHILDREN AND ACTIVE SENIORS BEFORE AND AFTER A SLACKLINE BALANCE TRAINING INTERVENTION

Kurz, E. et al [Germany]

PP-UD01-8-4

EFFECTS OF DEPTH IN COLD WATER IMMERSION ON RECOVERY FROM PLYOMETRIC EXERCISE-INDUCED MUSCLE DAMAGE

Tseng, W.C. et al [Taiwan]

PP-UD01-8-5

REPEATED PAIRING OF STRETCH REFLEX AND TRANSCRANIAL MAGNETIC STIMULATION TO INDUCE MOTOR CORTEX PLASTICITY

Kumpulainen, S. et al [Finland]

PP-UD01-8-6

EFFECTS OF COLD-WATER IMMERSION CRYOTHERAPY <15°C> ON VERTICAL

JUMP PERFORMANCE AFTER EXERCISE-INDUCED MUSCLE DAMAGE

Bezerra, M.S. et al [Brazil]

PP-UD01-8-7

THE INFLUENCE OF FILTER TECHNIQUE ON QUADRICEPS ELECTROMYOGRAPHY DATA RECORDED DURING WHOLE BODY VIBRATION

Sanderson, M. et al [United Kingdom]

PP-UD01-8-8

REPRODUCIBILITY OF CORTICAL VOLUNTARY ACTIVATION LEVEL ON TIBIALIS ANTERIOR MUSCLE

Souron, R. et al [France]

PP-UD01-8-9

HIP AND TRUNK MUSCLE ELECTROMYOGRAPHY DIFFERENCES BETWEEN BILATERAL AND UNILATERAL BODYWEIGHT RESISTANCE EXERCISES

Frandsen, B. et al [Sweden]

PP-UD01-8-10

COMPARISON OF THREE PROTOCOLS FOR MEASURING EXERCISE INDUCED MUSCLE SORENESS

Mavropalias, G. et al [Greece]

PP-UD01-8-11

LINEAR AND NONLINEAR ASSESSMENTS OF POSTURAL CONTROL

Liang, Y. et al [China]

PP-UD01-8-12

MOVEMENT LATERALIZATION AND BIMANUAL COORDINATION IN TENNIS PLAYERS

Faelli, E. et al [Italy]

PP-UD01-8-13

AGE-RELATED MORPHOLOGICAL DEGENERATION OF THE MYELIN SHEATHS AND CAPILLARIES IN THE DISTAL TIBIAL NERVES WITH AGING OF RATS

Sakita, M. et al [Japan]

PP-UD01-8-14

IS THERE A PREFERENTIAL HYPERTROPHY WITHIN A MUSCLE DUE TO RESISTANCE

TRAINING?- A STUDY IN RECTUS FEMORIS AND VASTUS LATERALIS MUSCLES -

Araki, K. et al [Japan]

PP-UD01-8-15

EFFECTS OF TENDINOUS TISSUE ON THE TORQUE-ANGLE RELATIONSHIP OF THE KNEE JOINT

Wataru, T. [Japan]

PP-UD01-8-16

INFLUENCE OF DIFFERENT GROUNDS DURING WALKING ON CORTICAL ACTIVITY

Maus, J. et al [Germany]

PP-UD01-8-17

MONOSYNAPTIC REFLEX IN ATHLETES: COMPUTATIONAL MODELLING APPLIED TO ELECTROENCEPHALOGRAPHIC SIGNALS IN RANDOMIZED CONTROLLED TRIAL

Cugliari, G. et al [Italy]

PP-UD01-8-18

RELATIONSHIP BETWEEN INTRACORTICAL INHIBITION DURING PRESET AND PERFORMANCE DURING JUMP

Yoshida, T. et al [Japan]

Nutrition

PP-UD01-9-1

DIETARY NITRATE SUPPLEMENTATION: RELATIONSHIPS BETWEEN MUSCLE NITRATE CONCENTRATION, SUBMAXIMAL EXERCISE ECONOMY AND EXERCISE TOLERANCE

Kelly, J. et al [United Kingdom]

PP-UD01-9-2

NO EFFECT OF ORAL TYROSINE ADMINISTRATION ON MOOD AND MOTIVATION OR HEART RATE VARIABILITY DURING ENDURANCE PERFORMANCE IN THE HEAT.

Tumilty, L. et al [United Kingdom]

PP-UD01-9-3

NUTRITIONAL PRACTICES IN TRAINED CYCLISTS PRIOR TO AND DURING AN ULTRA-ENDURANCE CYCLOSPOITIVE
Sparks, S.A. et al [United Kingdom]

PP-UD01-9-4

SODIUM CITRATE SUPPLEMENTATION ENHANCES TENNIS SKILL PERFORMANCE
Cunha, V.C.R. et al [Brazil]

PP-UD01-9-5

EFFECT OF NITRATE-RICH BEVERAGES ON AVERAGE POWER, PEAK POWER, HR, AND RPE IN MODERATELY ACTIVE YOUNG ADULTS
Gabel, K. et al [United States]

PP-UD01-9-6

PLASMA CREATINE KINETICS AFTER INGESTION OF NOVEL MICROENCAPSULATION DELIVERY FOR CREATINE MONOHYDRATE WITH ENHANCED STABILITY IN AQUEOUS SOLUTIONS
Hone, M. et al [Ireland]

PP-UD01-9-7

EFFECT OF A MEDITERRANEAN DIET ON INFLAMMATORY AND CARTILAGE DEGRADATION MARKERS IN OSTEOARTHRITIS
Davison, G. et al [United Kingdom]

PP-UD01-9-8

PROBIOTICS SUPPLEMENTATION IMPROVE MOOD STATE AFTER MARATHON
Silva, E.T. et al [Brazil]

PP-UD01-9-9

CAN RESISTANCE TRAINING AND SUPPLEMENTATION WITH LEUCINE ATTENUATE THE LOSS OF STRENGTH IN DIABETIC RATS?
Tirapegui, J. et al [Brazil]

PP-UD01-9-10

IS A HIGH CARBOHYDRATE INTAKE SUSTAINABLE DURING ULTRA-ENDURANCE RUNNING EVENTS?
Mahon, E.A. et al [United Kingdom]

PP-UD01-9-11

INTEREST OF CREATINE SUPPLEMENTATION IN SOCCER
Miny, K. et al [Belgium]

PP-UD01-9-12

THE EFFECTS OF CAFFEINE INGESTION TIMING ON ACUTE TESTOSTERONE AND CORTISOL RESPONSES TO RESISTANCE EXERCISE
Bo-Han, W. et al [Taiwan]

PP-UD01-9-13

PASSIVE SMOKING REDUCES AND VITAMIN C INCREASES EXERCISE-INDUCED OXIDATIVE STRESS: DOES THIS MAKE PASSIVE SMOKING AN ANTI-OXIDANT AND VITAMIN C A PRO-OXIDANT STIMULUS?
Theodorou, A.A. et al [Cyprus]

PP-UD01-9-14

CARBOHYDRATE SUPPLEMENTATION INCREASES HSP-70 CONCENTRATION AFTER STRENUOUS EXERCISE IN HYPOXIA
Caris, A. et al [Brazil]

PP-UD01-9-16

METABOLIC FATE OF A FRUCTOSE LOAD INGESTED BEFORE OR AFTER EXERCISE
Cros, J. et al [Switzerland]

PP-UD01-9-17

EFFECT OF LINCZI AND ELIXIR FENIX FOOD SUPPLEMENTS ON SPORTSMEN'S PHYSICAL AND FUNCTIONAL CAPACITY
Dadeliene, R. et al [Lithuania]

PP-UD01-9-18

PHARMACOKINETICS OF ACUTE TYROSINE INGESTION AT REST
Taylor, L. et al [United Kingdom]

PP-UD01-9-19

THE EFFECT OF ENDURANCE EXERCISE AND RESISTANCE EXERCISE ON POSTPRANDIAL LIPEMIA
Wu, C. et al [Taiwan]

PP-UD01-9-20

ZEOLITE SUPPLEMENTATION AFFECTS INTESTINAL BARRIER INTEGRITY OF ENDURANCE TRAINED SUBJECTS, ACCOMPANIED BY ANTIINFLAMMATORY EFFECTS
Oberwinkler, T. et al [Austria]

PP-UD01-9-21

EFFECT OF 5-AMINOLEVULINIC ACID AND EXERCISE TRAINING ON HEMOGLOBIN MIOGLOBIN AND CYTOCHROME C OXIDASE LEVELS
Suda, K. et al [Japan]

Philosophy and Ethics

PP-UD01-10-1

RESEARCH ON THE SPORTS ORDER IN THE PERSPECTIVES OF PHILOSOPHY
Long, Q. [China]

Physical Education and Pedagogics

PP-UD01-11-1

VALIDATION OF THE ATTITUDE/MOTIVATION TEST BATTERY IN MEXICAN UNIVERSITY STUDENTS FROM FACULTY OF SPORT
Cocca, M. et al [Mexico]

PP-UD01-11-2

HEALTH AND PHYSICAL ACTIVITY OF TEENAGERS: SOCIAL AND PEDAGOGICAL ASPECTS
Fyodorov, A. et al [Russia]

PP-UD01-11-3

INVESTIGATION ON THE KNOWLEDGE AND THE NOTION OF JUNIOR HIGH SCHOOL BOYS ABOUT GIRL'S MENSTRUATION
Yuko, F. et al [Japan]

PP-UD01-11-4

AFTER-SCHOOL SPORTS IN NOTTINGHAM. A CASE STUDY.
Franco Sala, M. et al [Spain]

PP-UD01-11-5

PHYSICAL EDUCATION BASED ON EVIDENCE VERSUS PRACTICES BASED ON EVIDENCE
Cazzoli, S. [Italy]

PP-UD01-11-6

DEVELOPMENT OF EVALUATION SYSTEM AS A FEEDBACK TOOL FOR PEDAGOGICAL PROGRESS OF PHYSICAL EDUCATION TEACHERS
Sharma, P.C. et al [India]

PP-UD01-11-7

THE INTERVENTION OF PHYSICAL EDUCATION TEACHERS TOWARDS STUDENTS WITH ADHD IN PRIMARY SCHOOL: A CASES STUDY
Labrador Roca, V. et al [Spain]

PP-UD01-11-8

THE EXAMINE OF SELF-LIKING AND SELF-COMPETENCE LEVELS OF STUDENTS WHO DO/DON'T SPORT AND EDUCATED IN POLICE ACADEMY BITLIS VOCATIONAL HIGH SCHOOL
Eynur, A. et al [Turkey]

PP-UD01-11-9

THE CURRENT STATE OF PHYSICAL EDUCATION IN THE ISOLATED ISLAND AREA Iida, T. et al [Japan]

PP-UD01-11-10

STUDY ON THE EVOLUTION OF SOMATIC PARAMETERS IN FEMALE STUDENTS FROM THE UNIVERSITY OF BUCHAREST PARTICIPATING IN THE "SPORT FOR HEALTH AND RECREATION" PROGRAM
Ganciu, O. et al [Romania]

PP-UD01-11-11

ENGAGING AND EMPOWERING PRE-SERVICE TEACHERS IN PETE PROGRAM THROUGH PROBLEM BASED LEARNING

AND EXPERIENTIAL LEARNING

Wen, W.W. et al [Taiwan]

PP-UD01-11-12

PROJECT-BASED LEARNING IN PE. BENEFITS AND PROBLEMS
Heszteráné Ekler, J. [Hungary]

PP-UD01-11-13

ALTERATION OF SPORT FACULTY STUDENTS' PERFORMANCE LEVELS IN TERMS OF SKILLS IN ATHLETIC THROWING EVENTS
Miklós, K. [Hungary]

PP-UD01-11-14

ALTERATION OF SPORT FACULTY STUDENTS' PERFORMANCE LEVELS IN TERMS OF SKILLS IN ATHLETIC RUNNING EVENTS
Polgar, T. et al [Hungary]

PP-UD01-11-15

PHYSICAL EDUCATION SCHOOL IN BRAZIL - A CASE IN SANTA CATARINA
Manfroi, M.N. et al [Brazil]

PP-UD01-11-16

INFLUENCE OF INSTRUCTION WITH OR WITHOUT NUMERICAL VALUE ON THE GRIP FORCE GRADING.
Hayami, T. et al [Japan]

PP-UD01-11-17

SPORT FOR ALL IN ANÁPOLIS: A PROGRAM TO BE FOLLOWED
Oliveira-Silva, I. et al [Brazil]

PP-UD01-11-18

EFFECTS OF AN OUT OF SCHOOL SPORT PROGRAM BASED ON THE PERSONAL AND SOCIAL RESPONSIBILITY MODEL TO ENHANCE POSITIVE YOUTH DEVELOPMENT
Carreres-Ponsoda, F. et al [Spain]

PP-UD01-11-19

A BOWLER'S NARRATIVE INQUIRY OF FATHER'S SUPPORT
Juang, Y.T. et al [Taiwan]

PP-UD01-11-20

EFFECTS OF A DANCING PROGRAM ON THE SPATIAL CONCEPT OF KINDERGARTEN CHILDREN
Kuan, W.W. et al [Taiwan]

Physiology

PP-UD01-12-1

A WETSUIT PREVENTS BODY CORE COOLING IN COOL <22°C> WATER, WITHOUT CAUSING EITHER MARKED OR INSIDIOUS HEAT STRAIN IN COLD-TOLERANT SWIMMERS
Cotter, J.D. et al [New Zealand]

PP-UD01-12-2

A STUDY ON SPINAL CORD MOTOR NEURONS AND NEUROMUSCULAR JUNCTION MORPHOLOGY IN OLD RATS
Nishizawa, T. et al [Japan]

PP-UD01-12-3

EFFECT OF DIFFERENT WEIGHT LOSS PERIOD ON THE DEHYDRATION STATE IN WRESTLERS
Mio, N. et al [Japan]

PP-UD01-12-4

TIME COURSE OF HEAT ACCLIMATION, DECAY AND RE-ACCLIMATION IN ELITE LASER SAILORS PREPARING FOR A WORLD CHAMPIONSHIP EVENT IN HOT CONDITIONS: CASE STUDY USING A REAL WORLD MODEL
Casadio, J.R. [New Zealand]

PP-UD01-12-5

THE EFFECT OF SHORT-TERM STRETCHING EXERCISE ON THE PROPERTIES OF MUSCLE-TENDON UNIT
Muraoka, Y. et al [Japan]

PP-UD01-12-6

ELEVATED TEMPERATURE ACCELERATES RECOVERY OF MOUSE AND HUMAN SKELETAL MUSCLE FOLLOWING FATIGUE
Faiss, R. et al [Switzerland]

PP-UD01-12-7
 ENDOTHELIAL FUNCTION IN HIGH SCHOOL FEMALE RHYTHMIC GYMNASTS: IMPACT OF PSYCHOSOMATIC STRESS AND MENSTRUAL STATUS
 Hayashi, K. et al [Japan]

PP-UD01-12-8
 CELL-FREE DNA DURING INTERMITTENT VS. CONTINUOUS STEP-WISE PROGRESSIVE RUNNING INTERVALS
 Sterzing, B. et al [Germany]

PP-UD01-12-9
 THE ACUTE AND PROLONGED CHANGES IN VASCULAR FUNCTION IN RESPONSE TO ENDURANCE AND RESISTANCE EXERCISE TRAINING
 Dawson, E.A. et al [United Kingdom]

PP-UD01-12-10
 THERMOREGULATION IN ENDURANCE TRAINED ADULTS
 Galán, J. et al [Spain]

PP-UD01-12-11
 THE EFFECT OF INSULIN ON HEART RATE VARIABILITY AT REST AND DURING SUBMAXIMAL EXERCISE
 Volianitis, S. et al [Denmark]

PP-UD01-12-12
 PERIPHERAL AND CENTRAL EFFECTS OF SMOKELESS TOBACCO ON EXERCISE ENDURANCE IN MEN
 Zandonai, T. et al [Italy]

PP-UD01-12-13
 CHANGES IN SKIN-GAS ACETONE CONCENTRATIONS FOLLOWING A LOW INTENSITY CONSTANT-LOAD EXERCISE
 Itoh, H. et al [Japan]

PP-UD01-12-14
 THE DEVELOPMENT OF FATIGUE MODEL IN A TISSUE-ENGINEERED MUSCLE
 Nakamura, T. et al [Japan]

PP-UD01-12-15
 INFLUENCE OF VO₂ FLUCTUATIONS ON AMPK, P38-MAPK AND CAMKII SIGNAL-

LING IN HUMAN SKELETAL MUSCLE
 Combes, A. et al [France]

PP-UD01-12-16
 THE RELATIONSHIP BETWEEN SELECTED ANTHROPOMETRIC MEASURES AND COMPETITIVE RANK IN PROFESSIONAL FEMALE SURFERS.
 Barlow, M. et al [United Kingdom]

PP-UD01-12-17
 ROLE OF ZINC IN THE EFFECT OF EXERCISE ON INTERMITTENT HYPOXIA-INDUCED LEFT VENTRICULAR DYSFUNCTION
 Chen, Y.C. et al [Taiwan]

PP-UD01-12-18
 CHANGES OF CARDIOVASCULAR STRESS DURING EACH 5 MIN AND 15 MIN OF COMPETITIVE FOOTBALL MATCH PLAY IN JUNIOR FOOTBALL PLAYERS
 Gupta, S. [Barbados]

PP-UD01-12-19
 THE EFFECTS OF VARIOUS CONCENTRATIONS OF CARBOHYDRATE MOUTH RINSE ON CYCLING TIME TRIAL PERFORMANCE IN A FED STATE.
 Devenney, S. et al [Ireland]

PP-UD01-12-20
 ELECTROMYOGRAPHY MUSCLE ACTIVITY IN UNILATERAL AND BILATERAL SQUATS WITH RELATIVE LOADS
 Olsson, M.C. et al [Sweden]

PP-UD01-12-21
 ARE SKYDIVING RESULTS DETERMINED BY VO₂MAX AND AEROBIC PERFORMANCE?
 Peric, R. et al [Bosnia and Herzegovina]

PP-UD01-12-22
 INFLUENCE OF ARM CRANK EXERCISE LACTATE INDUCTION ON SUBSEQUENT NUMBER OF REPETITIONS IN LEG PRESS EXERCISE
 Almer, C. et al [Austria]

PP-UD01-12-23
 A COMPARATIVE STUDY BETWEEN HIGH INTENSITY EFFORTS PLAYERS OF 1ST AND 2ND DIVISION OF A SPANISH PROFESSIONAL SOCCER TEAM
 Jimenez-Herranz, E. et al [Spain]

PP-UD01-12-24
 MOVEMENT PATTERNS AND METABOLIC RESPONSES DURING AN INTERNATIONAL TOURNAMENT OF RUGBY SEVENS
 Couderc, A. et al [France]

PP-UD01-12-25
 EFFECTS OF COMBINED EXERCISE ON BDNF, FGF, TOTAL-GHRELIN AND ACYLATED-GHRELIN IN OBESE ADOLESCENTS
 Kim, H. [Korea, South]

PP-UD01-12-26
 RELATIONSHIP AND INTERRELATED FACTORS BETWEEN PHYSICAL PERFORMANCE AND BIOCHEMISTRY PARAMETERS IN COMMUNITY-DWELLING OLDER MEN
 Lee, P.X. et al [Taiwan]

PP-UD01-12-27
 EFFECT OF DEVELOPMENT OF GLUCOSE INTOLERANCE ON DIAPHRAGM MUSCLE FUNCTION IN TYPE 2 DIABETIC RATS
 Ichinoseki-Sekine, N. et al [Japan]

PP-UD01-12-28
 THE EFFECT OF VOLUNTARY EXERCISE ON THE COMPOSITION OF GUT MICROBIOTA IN MICE.
 Tanimura, Y. et al [Japan]

PP-UD01-12-29
 CAN THE 'REPEATED BOUT EFFECT' AFTER ECCENTRIC EXERCISE BE REMOVED?
 Margaritelis, N.V. et al [Greece]

PP-UD01-12-30
 ANALYSIS OF INTERNAL AND EXTERNAL LOADS IN VOLLEYBALL PLAYERS DURING OFFICIAL MATCHES
 Mortatti, A. et al [Brazil]

PP-UD01-12-31
 THE EFFECTS OF UPPER BODY SPRINT INTERVALS ON UPPER BODY STRENGTH AND AEROBIC CAPACITY IN FEMALE CROSS-COUNTRY SKIERS
 Hovstein Kruken, A. et al [Norway]

PP-UD01-12-32
 EFFECTS OF ACUTE HYPOXIA AND HYPEROXIA ON ENERGY AND GLUCOSE METABOLISMS DURING INCREMENTAL EXERCISE
 Uchimaru, J. [Japan]

PP-UD01-12-33
 EXAMINATION OF THE EFFECT OF TRUNK TRAINING ON WEIGHT-LIFTING PERFORMANCE
 Amano, K. et al [Japan]

PP-UD01-12-34
 PRESERVED CARDIOVASCULAR RESPONSE TO METABOREFLEX ACTIVATION IN NEVER-TREATED HYPERTENSIVE MEN
 Barbosa, T.C. et al [Brazil]

PP-UD01-12-35
 CAN TRANSCRANIAL DIRECT CURRENT STIMULATION CHANGE CARDIOVASCULAR RESPONSES AND GUN-SHOOTING PERFORMANCE IN POLICE OFFICERS?
 Elsangedy, H. et al [Brazil]

PP-UD01-12-36
 HEART RATE VARIABILITY AS A PREDICTOR OF FAILURE IN COGNITIVE PERFORMANCE
 Wale, R. et al [United Kingdom]

PP-UD01-12-37
 OXYGEN UPTAKE KINETIC IN WELL TRAINED ROAD- AND CROSS-COUNTRY CYCLISTS
 Slettaløkken, G. et al [Norway]

PP-UD01-12-38
 PULSATING ELECTROSTATIC FIELD APPLICATION AND MUSCLE SORENESS DEVELOPMENT AFTER ECCENTRIC EXERCISE
 Gatterer, H. et al [Austria]

PP-UD01-12-39
 A COMPARISON OF BODY MASS INDEX SCORES TO BODY FAT PERCENTAGE DERIVED FROM SKINFOLD MEASURES WITHIN THE AUSTRALIAN DEFENCE FORCE
 Guajardo, S. [Australia]

PP-UD01-12-40
 MALE JUDO ATHLETES WITH HIGHER BODY FAT PERCENTAGE CONTINUE TO HAVE HIGH SKIN TEMPERATURES AFTER THE MATCH
 Takashina, T. et al [Japan]

PP-UD01-12-41
 EFFECT OF MUSCLE ACTIVITY ON ERECTOR SPINE, RECTUS FEMORIS, BICEPS FEMORIS, AND GASTROCNEMIUS IN ACCORDANCE WITH THREE FORWARD BENDING POSTURES DURING CYCLE-ERGOMETER EXERCISE
 Hu, Z. et al [Korea, South]

PP-UD01-12-42
 THE EFFECTS OF ENDURANCE EXERCISE AND CALORIC RESTRICTION ON GEOMETRY AND DENSITOMETRY OF CORTICAL BONE IN ADULT MALE RATS
 Tsai, T. et al [Taiwan]

PP-UD01-12-43
 CAN A GENETIC PREDISPOSITION SCORE PREDICT CHANGES IN MUSCLE FUNCTION OVER A TEN-YEAR FOLLOW-UP PERIOD IN FLEMISH MIDDLE-AGED ADULTS?
 Charlier, R. et al [Belgium]

PP-UD01-12-44
 EFFECT OF MODERATE AEROBIC EXERCISE ON MOTOR LEARNING
 Perini, R. et al [Italy]

PP-UD01-12-45
 EFFECTS OF INTERVAL VS. CONTINUOUS EXERCISE ON ACUTE PHYSIOLOGICAL RESPONSES IN PATIENTS WITH TYPE 1 DIABETES MELLITUS
 Tschakert, G. et al [Austria]

PP-UD01-12-46
 BIOCHEMICAL ASSESSMENT OF MUSCLE DAMAGE AFTER MOUNTAIN TRAIL RACES
 Cadefau, J. et al [Spain]

PP-UD01-12-47
 ASSOCIATION BETWEEN RIGHT VENTRICULAR METABOLISM AND EXERCISE CAPACITY IN HEALTHY MIDDLE-AGED MEN
 Leskinen, T. et al [Finland]

PP-UD01-12-48
 EFFECTS OF HIGH-INTENSITY INTERVAL TRAINING ON THE RIGHT VENTRICULAR GLUCOSE AND FATTY ACID METABOLISM IN HEALTHY MIDDLE-AGED MEN
 Heiskanen, M.A. et al [Finland]

PP-UD01-12-49
 EFFECTS OF UPHILL AND DOWNHILL WALKING ON THE DEGREE OF MUSCLE PAIN OF THE LOWER EXTREMITIES AFTER EXERCISE
 Tamari, Y. et al [Japan]

PP-UD01-12-50
 THE AEROBIC CAPACITY AND ITS RELATIONSHIP WITH ANTHROPOMETRIC MEASUREMENTS AND HEART RATE RESERVE FOR SECOND STAGE STUDENT OF SPORT SCIENCE COLLEGE
 Mathkor, F. [Iraq]

PP-UD01-12-51
 VARIABILITY OF HEART RATE OF ELITE ATHLETES AT THE VALSALVA TEST
 Sukhov, S. [Kazakhstan]

PP-UD01-12-52
 RELATIONSHIP BETWEEN BONE MINERAL VALUES AND LEG ANAEROBIC POWER IN PROFESSIONAL WRESTLERS AND UNTRAINED MEN
 Hu, M. [China]

PP-UD01-12-53
 CONTROVERSIES IN ATHLETES ELECTROCARDIOGRAPHIC INTERPRETATION ACCORDING TO THE MAJOR GUIDELINES

- THE SEATTLE CRITERIA AND THE RECOMMENDATIONS FOR INTERPRETATION OF 12-LEAD ECG IN THE ATHLETE, 2010
Stoian, I.M. et al [Romania]

PP-UD01-12-54
ATTITUDES & PRACTICES OF RECOVERY IN ASIAN YOUTH ATHLETES
Murray, A. et al [Qatar]

PP-UD01-12-55
CLINICAL EFFECTS OF TRIATHLON EVENT ON CARDIAC BIOMARKERS
Kwak, Y. [Korea, South]

PP-UD01-12-56
FORCE PRODUCTION AND COINCIDENT TIMING ACCURACY DURING RAPID GRIPPING AT DIFFERENT TARGET VELOCITIES IN BALL GAME PLAYERS
Ohta, Y. [Japan]

PP-UD01-12-57
THE IMPACT OF TRAINING IN NATURAL HYPOXIA ON TOTAL HAEMOGLOBIN MASS IN MALE CYCLISTS
Malczewska-Lenczowska, J. et al [Poland]

PP-UD01-12-58
REPEATED SHORT-TERM EXPOSURES TO NORMOBARIC HYPOXIA DO NOT PREVENT ACUTE MOUNTAIN SICKNESS IN SUSCEPTIBLE INDIVIDUALS
Faulhaber, M. et al [Austria]

PP-UD01-12-59
THE EFFECTS OF ARM WARMERS ON THERMAL AND METABOLIC RESPONSES WHILE RUNNING IN A COLD ENVIRONMENT.
Ito, R. et al [Japan]

PP-UD01-12-60
CHANGES IN CIRCULATING MICRORNA'S BETWEEN HIGH AND LOW RESPONDERS TO A 16-WK DIET AND EXERCISE WEIGHT LOSS INTERVENTION
Parr, E.B. et al [Australia]

PP-UD01-12-61
TCD4+ LYMPHOCYTE ARE RELATED TO MUSCLE STRENGTH PARAMETERS IN HIV-1 POSITIVE ADOLESCENTS
Ornellas, F. et al [Brazil]

PP-UD01-12-62
SIX WEEKS OF HIGH-INTENSITY INTERVAL TRAINING REDUCES FAT MASS IN HEALTHY MALES
Guppy, F.M. et al [United Kingdom]

Psychology

PP-UD01-13-1
BRIEF GROUP INTERVENTIONS FOR YOUNG ATHLETES' PSYCHOLOGICAL FLEXIBILITY, RESILIENCE AND WELL-BEING
Lundqvist, C. et al [Sweden]

PP-UD01-13-2
VALUES AND MOTIVATION IN HIGH PERFORMANCE ATHLETES
Galilea, B. et al [Spain]

PP-UD01-13-3
THE EFFECT OF GAME PERCEPTION ON PLAYERS' MULTIDIMENSIONAL PERFORMANCE WITH SPECIAL FOCUS OF TEAM IDENTIFICATION AND ENTITATIVITY MODERATING EFFECT
Guraj, K. [Poland]

PP-UD01-13-4
A QUALITATIVE EXAMINATION OF MENTAL SKILLS IN ELITE REFEREES
Murakami, K. et al [Japan]

PP-UD01-13-5
TIME AND BALL MOVEMENT ANTICIPATION AND ITS RELATIONSHIP WITH THE AFFECTIVITY OF SOME ARTISTIC SKILL ACCORDING TO SPECIALIZATION IN VOLLEYBALL
Alagha, A.Y.H. [Iraq]

PP-UD01-13-6
FREQUENCY, INTENSITY AND DIRECTION OF ANXIETY AND ITS RELATIONSHIP TO GROUP COHESION IN A JUVENILE VOL-

LEYBALL TEAM
Facco Stefanello, J. et al [Brazil]

PP-UD01-13-7
THE RELATIONSHIP BETWEEN STRESS RESPONSE AND WEIGHT MANAGEMENT AMONG UNIVERSITY STUDENTS
Ikeda, T. [Japan]

PP-UD01-13-8
ATTITUDES TOWARDS PHYSICAL ACTIVITY OF ELEMENTARY AGE CHILDREN AFTER AN 8 WEEK AFTER-SCHOOL PROGRAM
Celeski, L. et al [United States]

PP-UD01-13-9
THE EFFECTS OF EIGHT WEEK AEROBIC EXERCISES ON MENTAL HEALTH AND SELF-ESTEEM OF TYPE 2 DIABETES MEL-LITUS
Mousavi Gilani, S.R. et al [Iran]

PP-UD01-13-10
DOES PHYSICAL ACTIVITY CONTRIBUTE TO A DECREASE IN LONELINESS? A SYSTEMATIC REVIEW
Pels, F. et al [Germany]

PP-UD01-13-11
COMPARISON OF EMOTIONAL INTELLIGENCE IN ATHLETES WITH DOPING HISTORY IN COMPARISON WITH GENERAL POPULATION
Same Siahkalroodi, L. et al [Iran]

PP-UD01-13-12
COLLEGE FOOTBALL PLAYER'S COGNITIVE STRUCTURE OF TEAM TACTICS
Akihito, K. et al [Japan]

PP-UD01-13-13
GENERALIZED SELF-EFFICACY AND PHYSICAL ACTIVITY IN CHILDREN
Li, Y.C. et al [Canada]

PP-UD01-13-14
SWEDISH SWIMMERS' PERCEPTION OF PARENTAL INVOLVEMENT
Rodis, A. [Qatar]

PP-UD01-13-15
THE SUSTAINABILITY OF ACHIEVEMENT MOTIVATION IN YOUTH SPORT
Ingrell, J. [Sweden]

PP-UD01-13-16
PERCEIVED EXERCISE BENEFITS FROM DIFFERENT AGE POPULATIONS
Ping-Kuei, C. [Taiwan]

PP-UD01-13-17
RELATIONSHIPS AMONG PERSONALITY TRAITS, COPING STRATEGIES, AND CAREER BARRIERS OF COLLEGE STUDENT-ATHLETES
Huang, C.J. et al [Taiwan]

PP-UD01-13-18
SPORTADDICTION AMONG HUNGARIAN UNIVERSITY STUDENTS
Kiss-Geosits, B. [Hungary]

PP-UD01-13-19
THE PERFORMANCE OF MULTIPLE OBJECTS TRACKING OF BASEBALL ALTHLETES IS BETTER THAN PEERS IN DIFFERENT OBJECT MOVING
Wu, S.K. et al [Taiwan]

PP-UD01-13-20
A COMPARATIVE STUDY OF THE IMPACT OF INDIVIDUAL AND GROUP SPORT ACTIVITIES ON THE MENTAL HEALTH OF CHAOXIAN NATIONALITY COLLEGE STUDENTS
Hou, H. [China]

PP-UD01-13-21
THE RELATIONSHIP BETWEEN MOOD STATE AND ARTISTIC GYMNASTICS COMPETITION RESULTS
Boldizsár, D. et al [Hungary]

PP-UD01-13-22
ACL REHABILITATION: HOW TO SUPPORT HIGH MOTIVATION IN FOOTBALL PLAYERS AFTER INJURY AND SURGERY
Vago, P. et al [Italy]

PP-UD01-13-23
THE RELATIONSHIP BETWEEN THE LEADERSHIP AND SELF-CONFIDENCE QUALITIES THE STUDENTS OF SPORT MANAGEMENT
Aldemir, G.Y. et al [Turkey]

Rehabilitation and Physiotherapy

PP-UD01-14-1
DIFFERENCES IN KINESIOPHOBIA FOLLOWING TWO WEEK OF HOSPITAL-BASED CARDIAC REHABILITATION PROGRAM IN PATIENTS WITH CARDIOVASCULAR DISEASES
Brdak, M. et al [Poland]

PP-UD01-14-2
EFFECTIVENESS OF TRAINING SQUAT IN THE NEUTRAL SPINE IN TREKKERS HAVING ANTERIOR PELVIC TILT AND KNEE PAIN
Cutlerywala, A. [India]

PP-UD01-14-3
ACUTE CELL SWELLING IN GASTROCNEMIUS WITHOUT CHANGES ON ACHILLES TENDON AFTER OCCLUSIVE
Cortell-Tormo, J.M. et al [Spain]

PP-UD01-14-4
EFFECTS OF REHABILITATION EXERCISE AND TAPING ON MUSCLE ELECTROMYOGRAPY, PAIN AND RANGE OF MOTION IN JUDO ATHLETES WITH SHOULDER SUBLUXATION
Ji, J.G. et al [Korea, South]

PP-UD01-14-5
CHRONIC EFFECTS OF WHOLE BODY VIBRATION ON EMG AND TORQUE PRODUCTION OF KNEE EXTENSOR MUSCLES IN ACUTE STROKE PATIENTS
Péter, A. et al [Hungary]

PP-UD01-14-6
THE EFFECTS OF DRY NEEDLING VERSUS MANUAL PRESSURE RELEASE OF MYOFASCIAL TRIGGER POINTS ON HIP MUS-

CLE LENGTH AND STRENGTH
Kennedy, M. et al [Ireland]

PP-UD01-14-7
BACK TO WORK AS FIREFIGHTER WITH A STOMA AFTER RECTAL CARCINOMA: A CASE REPORT ON EXERCISE AND CANCER
Scharhag-Rosenberger, F. et al [Germany]

PP-UD01-14-8
AEROBIC EXERCISE IMPROVES THE EXPRESSION OF ACTIVITY-RELATED CYTOSKELETON ASSOCIATED PROTEIN IN THE HIPPOCAMPUS OF LACTATIONAL DEHP-EXPOSED RATS
Lee, Y. et al [Taiwan]

PP-UD01-14-9
AEROBIC EXERCISE IMPROVES THE EXPRESSION OF CANNABINOID RECEPTORS TYPE 1 RECEPTOR IN LACTATIONAL DEHP-EXPOSED RATS
Huang, C. et al [Taiwan]

PP-UD01-14-10
AEROBIC EXERCISE IMPROVES THE ACTIVATION OF AKT AND ERK SIGNALING IN THE MOTOR CORTEX OF LACTATIONAL DEHP-EXPOSED ADULT MALE RATS
Zeng, Y. et al [Taiwan]

PP-UD01-14-11
THE IMPAIRED CEREBRAL EXPRESSION OF ACTIVITY-RELATED CYTOSKELETON ASSOCIATED PROTEIN IN PHTHALATE-EXPOSED RATS CAN BE AMELIORATED BY AEROBIC EXERCISE
Tsai, K. et al [Taiwan]

PP-UD01-14-12
PATIENT-REPORTED OUTCOMES BUT NOT DEMOGRAPHIC FACTORS ARE ASSOCIATED WITH NORMAL MUSCLE FUNCTION 2-5 YEARS AFTER ANTERIOR CRUCIATE LIGAMENT INJURY: A CROSS-SECTIONAL STUDY
Cederström, N. et al [Sweden]

PP-UD01-14-13

THE ANALYSIS OF NEUROMUSCULAR ACTIVITY AND MUSCULAR OXYGENATION THROUGH DIFFERENT MOVEMENT CADENCES DRIVING IN-WATER AND ON-LAND KNEE EXTENSION EXERCISE
Chien, K.Y. et al [Taiwan]

PP-UD01-14-14

ACUTE SUPPLEMENTATION WITH RESVERATROL DOES NOT IMPROVE FLOW-MEDIATED DILATION IN CORONARY ARTERIAL DISEASE ELDERLY PATIENTS
Diaz, M. et al [Belgium]

PP-UD01-14-15

OUTCOMES FOLLOWING THE INTERVENTION OF THE MULTIDISCIPLINARY APPROACH FOR A PATIENT WITH KNEE JOINT OSTEOARTHRITIS IN TAIWAN: A CASE REPORT
Hsu, C. [Taiwan]

PP-UD01-14-16

MORPHOLOGICAL CHARACTERISTICS OF MUSCLE FASCICLE IN THE MEDIAL GASTRONEMIUS DURING RAMPING CONTRACTION WITH AND WITHOUT AN ACHILLES REPAIR
Peng, W.C. et al [Taiwan]

PP-UD01-14-17

EFFECT OF STATIC STRETCHING ON SHOULDER RANGE OF MOTION AND PITCHING BIOMECHANICS IN UNIVERSITY STUDENT PITCHERS
Nakamura, M. et al [Japan]

PP-UD01-14-18

MOTOR IMAGERY COMBINED WITH ACTION OBSERVATION OF CHOPSTICK USE FACILITATES MOTOR CORTEX EXCITABILITY IN THE DOMINANT HEMISPHERE
Shimizu, S. et al [Japan]

PP-UD01-14-20

EFFECT OF FUNCTIONAL TRAINING ON PHYSICAL FITNESS AND GLYCEMIC CONTROL OF OLDER ADULTS WITH TYPE 2 DIABETES
Heubel, A. et al [Brazil]

PP-UD01-14-21

REASONS OF USING INDIVIDUAL OR GROUP FORMS OF REHABILITATION OF PEOPLE WITH SCOLIOSIS OF I-III DEGREES
Shklyarenko, A. et al [Russia]

PP-UD01-14-22

EFFECTS OF PROPRICEPTION-BASED EXERCISE ON HEART RATE VARIABILITY AND SENSORY PROCESSING IN CHILDREN WITH ADHD
Su, C.T. et al [Taiwan]

PP-UD01-14-23

INFLUENCES OF EXERCISE AND PROTOCATECHIC ACID INTERVENTION ON BLOOD PRESSURE AND ENDOTHELIAL FUNCTION IN POSTMENOPAUSAL HYPERTENSION
Yang, A.L. et al [Taiwan]

PP-UD01-14-24

EFFECTS OF DIFFERENT WARM-UP PROGRAMS ON FLEXIBILITY AND STRENGTH OF GASTROCNEMIUS MUSCLE
Takeuchi, K. et al [Japan]

PP-UD01-14-25

THE EFFECT OF COOLING ON MUSCLE WEAKNESS AND MUSCLE ATROPHY CAUSED BY DETRAINING
Endo, S. et al [Japan]

PP-UD01-14-26

EFFECTS OF LOW-INTENSITY PULSED ULTRASOUND EXPOSURE ON SKELETAL MUSCLE REGENERATION AFTER DAMAGE IN AGED MOUSE MODEL
Sakamoto, M. et al [Japan]

PP-UD01-14-27

DO SESSIONS OF WHOLE-BODY CRYOSTIMULATION HAVE INFLUENCE ON RHEOLOGICAL PROPERTIES OF BLOOD IN HEALTHY MEN?
Kepinska, M. et al [Poland]

Sociology

PP-UD01-15-1

RESEARCH ON THE ORDER OF TAE KWON DO : POPULARIZATION AND ATHLETICISM
Zhu, W. [China]

PP-UD01-15-2

THE USE OF PERFORMANCE-ENHANCING SUBSTANCES AMONG MEDICAL STUDENTS OF A MIDDLE EASTERN UNIVERSITY
El Osta, L. et al [Lebanon]

PP-UD01-15-3

THE RELATIONSHIP BETWEEN CHILDREN'S OPTIMISTIC CHARACTERISTIC AND SPORT ENJOYMENT
You Yi, C. et al [Taiwan]

PP-UD01-15-4

EXERCISE PASSION, PERCEIVED RISK, AND BENEFITS OF RECREATIONAL SCUBA DIVERS
Ya Ju, H. et al [Taiwan]

PP-UD01-15-5

THE INFLUENCES OF PSYCHOLOGICAL NEEDS AND EXPECTANCY VALUE ON LEARNING MOTIVATION IN PHYSICAL EDUCATION CLASS OF MIDDLE SCHOOL STUDENTS
Poyi, C. et al [Taiwan]

PP-UD01-15-6

A QUALITATIVE ANALYSIS OF THE OPINIONS OF ATHLETES, COACHES AND ANALYSTS ON THE PROVISION OF FEEDBACK IN ELITE AND SUB-ELITE SPORT.
Davies, G. et al [Hungary]

Sport Management and law

PP-UD01-16-1

DRAFTING A PROPOSED POLICY LEGISLATIVE WOMEN AND SPORT IN KUWAIT
Ali, E. [Kuwait]

PP-UD01-16-2

COMPARE AND RELATIONSHIP BETWEEN ORGANIZATIONAL CULTURE AND HUMAN RESOURCE PRODUCTIVITY IN PHYSICAL EDUCATION ORGANIZATION OF THE ISLAMIC REPUBLIC OF IRAN FROM THE VIEWPOINTS OF MANAGERS AND EXPERTS
Nakhaie, H. et al [Iran]

Sport Statistics and Analyses

PP-UD01-17-1

RELATIONSHIP BETWEEN BALL SPEED OF SPIKE IN VOLLEYBALL AND TRUNK STRENGTH
Momoko, S. et al [Japan]

PP-UD01-17-2

REASONS FOR SPORTS PARTICIPATION AMONG JAPANESE HIGH SCHOOL STUDENTS: DIFFERENCES BETWEEN SPORTS CLUB MEMBERS AND NON-SPORTS CLUB MEMBERS
Aoyagi, O. et al [Japan]

PP-UD01-17-3

5SD BODY BUILD CLASSIFICATION OF 13-15-YEAR-OLD MALE VOLLEYBALLERS FOR COMPARATIVE ASSESSMENT OF THEIR SPIKING PERFORMANCE DURING THE ESTONIAN CHAMPIONSHIPS IN 2014
Stamm, R. et al [Estonia]

PP-UD01-17-4

INJURIES IN GERMAN CLUB SPORTS -EPIDEMIOLOGY AND FIELDS OF PREVENTION
Henke, T. et al [Germany]

PP-UD01-17-5

FACTORS OF SUCCESS IN A TRIATHLON MIXED RELAY WORLD CHAMPIONSHIP RACE
Pöller, S. [Germany]

PP-UD01-17-6

WHAT DO RHYTHMIC GYMNASTICS JUDGES THINK ABOUT THEIR CODE OF POINTS?
Leandro, C. et al [Portugal]

PP-UD01-17-7

ANALYSIS OF INTERACTION BETWEEN OFFENSE AND DEFENCE TACTICS IN TEAM HANDBALL BY MEANS OF ARTIFICIAL NEURAL NETWORKS
Alsaied, S. et al [Egypt]

PP-UD01-17-8

COUNTERATTACK IN TEAM HANDBALL: ANALYSIS AND COMPARISON OF WINNERS AND LOSERS OF EHF CHAMPIONS LEAGUE 2013/2014 FINALISTS
Musa, V.S. et al [Brazil]

PP-UD01-17-9

QUANTITATIVE ASSESSMENT PROPOSAL OF FOOT ARCH DEVELOPMENT FOR EARLY CHILDHOOD
Ueda, K. et al [Japan]

Sport Technology

PP-UD01-18-1

RUNNING SPEED ESTIMATED FROM FOOT CONTACT TIME AND STRIDE FREQUENCY
de Ruiter, C.J. et al [Netherlands]

Sports Medicine and Orthopedics

PP-UD01-19-1

THE TNF-ALPHA SYSTEM IS SUBSTANTIALLY INVOLVED IN MARKED MUSCLE OVERUSE
Renström, L. et al [Sweden]

PP-UD01-19-2

RELATIONSHIP BETWEEN LOWER EXTREMITY ALIGNMENT DURING SINGLE-LEG SQUAT TEST AND THE HIP MUSCLE

STRENGTH

Omri, T. [Japan]

PP-UD01-19-3

PREVALENCE AND CHARACTERISTICS OF OSTEOCHONDRITIS DISSECANANS OF THE ELBOW AMONG ADOLESCENT BASEBALL PLAYERS
Hojo, T. et al [Japan]

PP-UD01-19-4

AGE DIFFERENCES IN DYNAMIC ALIGNMENT DURING SINGLE-LEGGED SQUATTING AND DROP LANDING IN FEMALE BASKETBALL PLAYERS
Kagaya, Y. et al [Japan]

PP-UD01-19-5

THE RELATIONSHIP BETWEEN MUSCLE LENGTH CHANGE AND MUSCLE ACTIVATION OF BACK MUSCLE DURING APPLIED ROMAN CHAIR STRENGTHENING
Kang, K.K. et al [Taiwan]

PP-UD01-19-6

SLEEPING IN MODERATE HYPOXIA AT HOME FOR PREVENTION OF ACUTE MOUNTAIN SICKNESS : A PLACEBO-CONTROLLED, RANDOMIZED DOUBLE BLIND STUDY
Dehner, C. et al [Switzerland]

PP-UD01-19-7

MEDICAL EVALUATION OF MUSCULOSKELETAL DISORDERS IN STUDENTS USING THE "HEALTH NOTEBOOK"
Kamada, H. et al [Japan]

PP-UD01-19-8

FINGER PULLEY INJURIES, DIAGNOSIS AND CHARACTERIZATION WITH MR IMAGING AT 0,5T
Ramos-Álvarez, J.J. et al [Spain]

PP-UD01-19-9

EFFECTS OF EXERCISE MODES ON THE HEMODYNAMIC PARAMETERS DURING GXT
Kim, C. et al [Korea, South]

PP-UD01-19-10
EPIDEMIOLOGY OF INJURIES IN JAPANESE ELITE HANDBALL PLAYERS
Imoto, K. et al [Japan]

PP-UD01-19-11
PREVALENCE OF RISK FACTORS FOR SHOULDER INJURIES IN COLLEGIATE HANDBALL PLAYERS DURING PRESEASON SCREENING
Ogaki, R. et al [Japan]

PP-UD01-19-12
INJURIES IN AN ELITE FEMALE SOCCER TEAM FROM THE SPANISH FIRST DIVISION: AN 11-SEASON PROSPECTIVE STUDY
Larruskain, J. et al [Spain]

PP-UD01-19-13
THE INFLUENCE OF EXERCISE SPEED IN MUSCULAR STRENGTH EXERCISE, ON THE RATING OF PERCEIVED EXERCISE, VITAL SIGN, AND STRESS BIOMARKER RESPONSE
Kudo, H. et al [Japan]

PP-UD01-19-14
DROPOUT RATE OF ITALIAN RANGER TRAINEES: WHO IS THE ENEMY?
Colosio, A. et al [Italy]

PP-UD01-19-15
INJURY IN JAPANESE FEMALE UNIVERSITY JUDO ATHLETES
Saho, Y. et al [Japan]

PP-UD01-19-16
IMPAIRMENTS OF MOTOR PERFORMANCE AFTER TREATMENT FOR PEDIATRIC BONE TUMORS
Kesting, S. [Germany]

PP-UD01-19-17
CO-PREVALENCE OF CERVICAL INTERVERTEBRAL DISK DEGENERATION AND BURNER SYNDROME IN COLLEGIATE-LEVEL AMERICAN FOOTBALL PLAYERS
Hakkaku, T. et al [Japan]

PP-UD01-19-18
RIGHT VENTRICULAR LONGITUDINAL FUNCTION DETERMINES EXERCISE CAPACITY IN TENNIS PLAYERS
Nogami, Y. et al [Japan]

PP-UD01-19-19
PHYSICAL CHARACTERISTICS AND THROWING PERFORMANCE OF YOUTH BASEBALL PITCHERS WITH AND WITHOUT A HISTORY OF MEDIAL ELBOW PAIN
Tsai, Y.S. et al [Taiwan]

PP-UD01-19-20
THE ASSOCIATION BETWEEN GENERALIZED JOINT HYPERMOBILITY AND SHOULDER MOBILITY IN YOUNG, COMPETITIVE SWIMMERS
Junge, T. [Denmark]

PP-UD01-19-21
THE EFFECT OF ACUTE MODERATE INTENSITY EXERCISE ON LAND AND THAT IN WARM WATER ON ARTERIAL STIFFNESS IN ELDERLY SUBJECTS
Nogami, J. [Japan]

PP-UD01-19-22
RELATIONSHIP BETWEEN SPRINT PERFORMANCE AND MORPHOLOGY OF HIP EXTENSORS
Tokutake, G. et al [Japan]

PP-UD01-19-23
EFFECT OF SLEEP QUALITY ON COGNITIVE FUNCTIONS DURING EXERCISE IN HEALTHY YOUNG MEN
Nakamura, Y. et al [Japan]

PP-UD01-19-24
THE EFFECT OF DEHYDRATION ON AIRWAY INFLAMMATION IN JUDOISTS
Tomoko, I. et al [Japan]

PP-UD01-19-25
WHAT IS THE BEST SQUAT AND DEADLIFT TECHNIQUE?
Berglund, L. et al [Sweden]

PP-UD01-19-26
EFFECTS OF FUNCTIONAL ANKLE INSTABILITY ON COLLEGIATE FEMALE FOOTBALL PLAYERS' PERFORMANCES
Oda, K. et al [Japan]

PP-UD01-19-27
THE INFLUENCE OF MODERATE INTENSITY EXERCISE IN WATER ON ARTERIAL STIFFNESS DURING RECOVERY PERIOD
Matsui, T. et al [Japan]

Training and Testing

PP-UD01-20-1
ORTHOCLINOSTATIC TEST AS A METHOD OF FITNESS LEVEL ASSESSMENT IN ATHLETES
Tarbeeva, A. et al [Russia]

PP-UD01-20-2
INDIVIDUALIZATION OF TRAINING PROCESS OF CROSS-COUNTRY SKIERS OF 12-14 YEARS
Tarbeeva, N. et al [Russia]

PP-UD01-20-3
PHYSIOLOGICAL DEMANDS OF AMATEUR MIXED MARTIAL ART FIGHTING
Petersen, C. et al [New Zealand]

PP-UD01-20-4
EFFECT OF DETRAINING ON PHYSICAL FUNCTION AND EXECUTIVE FUNCTION AMONG ACTIVE ELDERLY
Cordellat, A. et al [Spain]

PP-UD01-20-5
CONSTRUCT VALIDITY OF THE PHYSICAL ACTIVITY QUESTIONNAIRE FOR ADOLESCENTS: MAXIMAL OXYGEN UPTAKE CRITERION.
Benítez-Porres, J. et al [Spain]

PP-UD01-20-6
PREDICTORS OF MOTOR COORDINATION PERFORMANCE IN PREPUBERTAL CHILDREN
Luz, L. et al [Brazil]

PP-UD01-20-7
TRUNK MUSCLES ACTIVITIES DURING FREESTYLE SWIMMING STROKE
Iizuka, S. et al [Japan]

PP-UD01-20-8
EFFECTS OF ECCENTRIC STRENGTH TRAINING IN RUNNING ECONOMY OF RECREATIONAL ENDURANCE RUNNERS
Festa, L. et al [Italy]

PP-UD01-20-9
THE RELATIONSHIP OF SHOULDER MAXIMAL EXTERNAL ROTATION RANGE OF MOTION ON BALL-THROWING SPEED IN YOUTH BASEBALL PITCHERS
van Dis, F. et al [Netherlands]

PP-UD01-20-10
THE DIAGNOSTICS OF ED ELEMENTS IN COMPETITIVE SPORT
Ozimek, M. et al [Poland]

PP-UD01-20-11
NEUROMUSCULAR AND CARDIOVASCULAR ADAPTATIONS IN RESPONSE TO A HIGH INTENSITY INTERVAL POWER TRAINING.
Marquez, G. et al [Spain]

PP-UD01-20-12
EFFECTS OF A STRENGTH TRAINING SESSION ON RECOVERY AFTER AN EXERCISE-INDUCED MUSCLE DAMAGE: A RANDOMISED CROSS OVER STUDY
Abaidia, A. et al [France]

PP-UD01-20-13
RELATIONSHIPS BETWEEN DIFFERENT PHYSICAL FACTORS IN MALE SOCCER PLAYERS
Kristoffersen, M. et al [Norway]

PP-UD01-20-14
PHYSICAL CHARACTERISTICS AND GAME RELATED STATISTICS OF ELITE ADOLESCENT FEMALE BASKETBALL PLAYERS
Fort-Vanmeerhaeghe, A. et al [Spain]

PP-UD01-20-15
A FOUR WEEK ANALYSIS OF RECOVERY STATUS IN KOSOVAN YOUTH SOCCER PLAYERS
Gjaka, M. et al [Italy]

PP-UD01-20-16
ROWING ERGOMETER 30 MINUTES ALL-OUT TEST AS A PREDICTION OF THE VENTILATORY THRESHOLD
Mladen, M. et al [Croatia]

PP-UD01-20-17
RELIABILITY OF SIDE-HOP LIMB IMBALANCE RATIO
Mirkov, D.M. et al [Serbia]

PP-UD01-20-18
A RELATIONSHIP BETWEEN SINGLE LEG TASKS AND SIDESTEP CUTTING IN MALE RUGBY PLAYERS -LATERAL HOP AND HOP-AND-SIDESTEP-
Ito, W. et al [Japan]

PP-UD01-20-19
RELATIONSHIP BETWEEN THE JUDO FITNESS TEST AND LOWER SKELETAL MUSCLE POWER AMONG JAPANESE FEMALE JUDO PLAYERS
Okawa, M. et al [Japan]

PP-UD01-20-20
RESEARCH ON PHYSICAL FITNESS CHARACTERISTICS OF TENNIS PLAYERS
Umebayashi, K. [Japan]

PP-UD01-20-21
INDIVIDUAL HAEMOGLOBIN MASS RESPONSE TO ALTITUDE TRAINING AT 1800 M IN ELITE ENDURANCE ATHLETES
Troesch, S. et al [Switzerland]

PP-UD01-20-22
DIFFERENCES IN TRUNK TWIST MOTION USING LONG OR HEAVY BATS WITH EQUAL MOMENTS OF INERTIA
Takahashi, K. et al [Japan]

PP-UD01-20-23
THE SOMATOTYPE OF AFRICAN SPORTSMEN
Mimouni, N. et al [Algeria]

PP-UD01-20-24
A METHODOLOGY FOR A TEAM PERFORMANCE SCORING SYSTEM FOR RUGBY UNION
Burt, E. et al [Hungary]

PP-UD01-20-25
TRAINING INTENSITY DISTRIBUTION IN YOUNG TENNIS PLAYERS
Gomes, R.V. et al [Brazil]

PP-UD01-20-26
AGREEMENT BETWEEN DIFFERENT APPROACHES OF A SLED TOWING SPRINT TEST
Pantoja, P. et al [Brazil]

PP-UD01-20-27
RELATIONSHIP BETWEEN TOE TOUCH JUMP ABILITY AND PHYSICAL FACTORS IN CHEERLEADERS
Rieko, K. et al [Japan]

PP-UD01-20-28
HEART RATE RESPONSES TO TRAINING AND TESTING IN POSTPUBESCENT FEMALE VOLLEYBALL PLAYERS: THE EFFECT OF MATURITY
Kostoulas, I. et al [Greece]

PP-UD01-20-29
ACUTE EFFECTS OF LOW-INTENSITY RESISTANCE TRAINING WITH SLOW MOVEMENT IN SWIMMING: A PILOT STUDY
Scurati, R. et al [Italy]

PP-UD01-20-30
THE DIFFERENTIAL LEARNING APPROACH IN STRENGTH TRAINING
Hegen, P. et al [Germany]

PP-UD01-20-31
DEVELOPMENT OF AEROBIC WORK CAPACITIES ON YO-YO INTERMITTENT RECOVERY TESTS IN AGED FROM 13 TO 22 YEARS OLD JAPANESE MALE SOCCER

- PLAYERS.
Teshima, T. et al [Japan]
- PP-UD01-20-32
THE AGREEMENT BETWEEN LACTATE MINIMUM POWER AND 3 MINUTE ALL-OUT CRITICAL POWER
Sharpe, G. et al [United Kingdom]
- PP-UD01-20-33
COMPUTERIZED DEVICE FOR TESTING AND TRAINING OF SHOULDER GIRDLE MUSCLES FOR FITNESS AND REHABILITATION CENTERS
Vinogradova, O. et al [Russia]
- PP-UD01-20-34
PRIOR UPPER BODY RESISTANCE EXERCISE IMPAIRS SUBSEQUENT INTERMITTENT RUNNING PERFORMANCE
Johnson, M.A. et al [United Kingdom]
- PP-UD01-20-35
SUBJECTIVE COACH ASSESSMENT OF BIOLOGICAL MATURATION IN ELITE YOUTH SOCCER
Romann, M. et al [Switzerland]
- PP-UD01-20-36
THE ASSOCIATION BETWEEN MUSCLE POWER, AEROBIC CAPACITY AND SWIM TIME PERFORMANCE IN YOUNG, COMPETITIVE SWIMMERS
Henriksen, P. [Denmark]
- PP-UD01-20-37
THE ANALYSIS OF GLENO-HUMERAL RHYTHM AFTER REPETITIVE THROWING BY 3D DIGITIZER
Otsudo, T. et al [Japan]
- PP-UD01-20-38
INFLUENCE OF A NEW RE-BREATHING DEVICE ON PHYSIOLOGICAL STRAIN DURING MODERATE EXERCISE IN FIRE-FIGHTERS AND TRAINED SUBJECTS
Müller, A. [Austria]
- PP-UD01-20-39
ACUTE EFFECT OF A CROSSFIT WORKOUT ON PATELLA, ACHILLES AND PLANTARIS
- TENDON THICKNESS
Fisker, F. et al [Denmark]
- PP-UD01-20-40
EFFECTS OF TWO DIFFERENT LOAD CARRIAGE EXERCISES ON PHYSIOLOGICAL RESPONSES IN SOLDIERS
Terho, A. et al [Finland]
- PP-UD01-20-41
DIFFERENCES IN HEART RATE AT FIRST AND SECOND LACTATE TURN POINT IN TREADMILL RUNNING AND ERGOMETER CYCLING IN MAN
Wallner, D. et al [Austria]
- PP-UD01-20-42
THE EFFECTS OF INCREMENTAL JUMP STEPS ON TAKE-OFF LEG JOINT KINETICS IN BOUNDING
Kariyama, Y. et al [Japan]
- PP-UD01-20-43
TECHNIQUE AND ARTISTRY IN ELITE RHYTHMIC GYMNASTS: THEIR ASSOCIATION WITH PHYSICAL FITNESS PARAMETERS
Dontji, O. et al [Greece]
- PP-UD01-20-44
INFLUENCES OF FASCICLE LENGTH DURING ISOMETRIC TRAINING ON IMPROVEMENT OF MUSCLE STRENGTH
Tanaka, H. et al [Japan]
- PP-UD01-20-45
THE CORRECTION OF CYCLISTS' TRAINING LOAD PARAMETERS IN THE FIRST WEEK OF THEIR STAY AT ALTITUDE
Gabrys, T. et al [Poland]
- PP-UD01-20-46
TIME MOTION ANALYSIS OF CADET TAEKWONDO ATHLETES IN RELATION TO THE WEIGHT CATEGORY
Menescardi, C. et al [Spain]
- PP-UD01-20-47
ACUTE NEUROMUSCULAR FATIGUE INDUCED BY REPEATED DIRECTION CHANGES DOES NOT INFLUENCE FREE
- THROW ACCURACY IN AMATEUR BASKETBALL PLAYERS
Feroli, D. et al [Italy]
- PP-UD01-20-48
COMPARISON METHODS FOR CALCULATING ANAEROBIC LACTATE THRESHOLDS IN MIXED MARTIAL ARTS COMPETITORS
Szmatlan-Gabrys, U. et al [Poland]
- PP-UD01-20-49
THE RELATIONSHIP BETWEEN EXERCISE OF INTENSITY AND BLOOD LACTATE CONCENTRATION IN RUNNING FINISHES WITH CONTACT AND WITHOUT CONTACT.
Yao, N. et al [Japan]
- PP-UD01-20-50
DISSOCIATED TIME COURSE OF NEUROMUSCULAR RECOVERY BETWEEN SINGLE AND MULTI-JOINT EXERCISES IN HIGHLY RESISTANCE TRAINED MEN
Soares, S. [Brazil]
- PP-UD01-20-51
AGREEMENT BETWEEN VMAX29 AND THE NEW BREATH-BY-BREATH RESPIRATORY SYSTEM VYNTUS CPX DURING MAXIMAL INCREMENTAL EXERCISE
Carlomagno, D. et al [Italy]
- PP-UD01-20-52
SHUTTER GLASSES AS A TRAINING TOOL IN TENNIS – CHANGES IN EYE-HAND COORDINATION ACCORDING TO FREQUENCY AND DUTY RATIO
Jendrusch, G. [Germany]
- PP-UD01-20-53
A STUDY OF HYPOXIC EXPOSURE AND TRAINING ON HAEMATOLOGICAL VARIABLES, PP, VO2MAX
Yoon, J. [Korea, South]
- PP-UD01-20-54
INTERDAILY VARIATIONS AND ACCURACY OF MEASUREMENT OF BODY COMPOSITION USING BIA ANALYZERS
- IN ATHLETES
Kutac, P. [Czech Republic]
- PP-UD01-20-55
KAATSU TRAINING MODIFIES THE MEAN AND MAXIMUM BLOOD FLOW VELOCITY IN HEALTHY SUBJECTS
Puggina, E.F. et al [Brazil]
- PP-UD01-20-56
CAN THE "TWO-STEP TEST" EVALUATE PHYSICAL CAPACITY?
Masafumi, N. et al [Japan]
- PP-UD01-20-57
VIBRATION TRAINING IN INDOOR BOULDERING: EFFECTS ON STRENGTH AND ENDURANCE.
Medernach, J. et al [Luxembourg]
- PP-UD01-20-58
NEW BIOELECTRICAL IMPEDANCE ANALYSIS EQUATIONS FOR AMERICAN ADOLESCENT ATHLETES
Roberts Jr, J. [United States]
- PP-UD01-20-59
COMPARISON OF ENERGY EXPENDITURE AND HEART RATE ACCORDING TO SELF-SELECTED, SELF-PERCEIVED AND CONTROL WITH PERSONAL TRAINER DURING AEROBIC EXERCISE
Lee, H. [Korea, South]
- PP-UD01-20-60
ACTIVE AND PASSIVE FLEXIBILITY OF THE LOWER LIMBS IN RHYTHMIC GYMNASTICS ATHLETES IN DIFFERENT COMPETITIVE LEVELS
Ávila-Carvalho, L. et al [Portugal]
- PP-UD01-20-61
RHABDOMYOLYSIS AFTER PERFORMING BLOOD-FLOW RESTRICTION TRAINING: A CASE REPORT
Shogo, T. et al [Japan]
- PP-UD01-20-62
A NEW ASSESSMENT METHOD USING A COMBINATION OF JOINT KINETICS AND PERFORMANCE VARIABLES DURING THE
- REBOUND JUMP TEST
Zushi, A. et al [Japan]
- PP-UD01-20-63
THE ANALYSIS FOR THE RELATIONSHIP BETWEEN BONE FORMATION AND PHYSICAL AND PERFORMANCE CHARACTERISTICS OF JAPANESE COLLEGIATE AMERICAN FOOTBALL PLAYERS
Iguchi, J. et al [Japan]
- PP-UD01-20-64
A COMPARISON OF MUSCLE FATIGUE BETWEEN MAXIMAL AND SUBMAXIMAL STRENGTH GAINS DURING THE BENCH PRESS IN MEN
Seo, S.W. et al [Korea, South]
- PP-UD01-20-65
THE EFFECTS OF FIVE WEEKS OF HIGH-INTENSITY INTERVAL TRAINING ON PHYSIOLOGICAL INDICES IN FEMALE FUTSAL PLAYERS: A COMPARISON BETWEEN TWO MODELS
Guglielmo, L.G.A. et al [Brazil]
- PP-UD01-20-66
A STUDY TO ASSESS THE EFFECT OF THE PREVENT INJURY, ENHANCE PERFORMANCE PROGRAMME ON LOWER EXTREMITY INJURY INCIDENCE AND NEUROMUSCULAR FUNCTIONAL OUTCOMES IN GAELIC GAMES
Lodge, C. et al [Ireland]
- PP-UD01-20-67
TEST-RETEST RELIABILITY OF THE WINGATE 6 AND 30 SECOND TESTS IN MALES AND FEMALES
Phillips, S.M. et al [United Kingdom]
- PP-UD01-20-68
SMALL-SIDED GAMES AND THE ASSESSMENT OF INTERNAL LOAD IN YOUNG SOCCER PLAYERS
Sannicandro, I. et al [Italy]
- PP-UD01-20-69
PHYSICAL STRENGTH AND MOTOR SKILLS CHANGE IN PARENTS AND CHILDREN
- DREN PHYSICAL EXERCISE PROGRAM
Nadamoto, M. et al [Japan]
- PP-UD01-20-70
INFLUENCE OF TRAINING LEVEL ON NOCTURNAL HEART RATE VARIABILITY OF HEALTHY YOUNG STUDENTS
Kanoh, K. et al [Japan]
- PP-UD01-20-71
CHANGING THE PARAMETERS OF VARIABILITY OF THE CARDIORESPIRATORY SYSTEM UNDER THE INFLUENCE OF THE TRAINING LOAD
Romanchuk, A.P. et al [Ukraine]

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Aspetar

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Aspetar is the first specialised Orthopaedic and Sports Medicine Hospital in the Gulf region. It provides the highest possible medical treatment for sports-related injuries in a state-of-the-art facility, staffed by some of the world's leading sports medicine practitioners and researchers. Through the delivery of excellence in sports medicine, physiotherapy, sports science, orthopaedic surgery and rehabilitation, Aspetar services the needs of football and Sports Clubs and Federations throughout the state of Qatar, and regularly services international athletes and professional sportspeople. In 2009, Aspetar was officially accredited by F-MARC as a FIFA Medical Centre of Excellence.
<http://www.aspetar.com>

BIOPAC Systems, Inc.

USA

BIOPAC lets you measure physiology anywhere with innovative solutions that can be used by anyone for meaningful discovery. We make high-quality scientific tools for physiology measurement and interpretation with superior compatibility and world-class customer service and support and empower cutting edge tools that inspire endless discovery in ambulatory, lab, real-world, and virtual environments.
<http://www.biopac.com>

Broderiet i Kungsbacka AB/New Wave Profile

SWEDEN

New Wave Profile, T-shirts, Craft, Sports, College, Piké, Polo
<http://www.broderiet.se>

CamNtech Ltd.

UNITED KINGDOM

CamNtech provides wearable solutions for objective monitoring of Energy Expenditure, Physical Activity, HRV, ECG, EEG, EMG, Sleep and Patient Reported Outcome.

We provide complete solutions with innovative hardware and advanced analysis software. Our range of scientifically validated products has appropriate regulatory approvals and we are ISO1345:2003 certified.
<http://www.camntech.com/>

CareFusion Germany 234 GmbH

GERMANY

With over 60 years' experience CareFusion's Respiratory Diagnostics division is active in over 120 countries and headquartered in Germany and USA. With over 500 employees at Carefusion RDx, we strive to continue the rich tradition of supplying reliable, professional and accessible cardiopulmonary diagnostic devices and services such as the JEGER Oxygen Mobile or the JAEGER Vyntus CPX.
<http://www.carefusion.com>

Catapult Sports Pty Ltd

UNITED KINGDOM

Catapult empowers elite coaches globally with scientifically-validated metrics for the advancement of athlete performance. Catapult engineers wearable technology that provides objective information behind athlete risk, readiness and return to play. The company was born out of the Australian Institute of Sport (AIS) and a scientific research organization and provides

an all-encompassing solution with research-based insights in to athlete management.
<http://catapultsports.com/>

CliniLab/Brain Products

FINLAND

Brain Products dedicates itself to the research and understanding of the human brain and nervous system. With versatile hardware and software solutions the company enriches the complex and fascinating neurophysiological market.
<http://www.clinilab.com>

Concept / Woodway / Tanita

SWEDEN

Our company offers high quality products for medical testing and evaluation as well as for sport performance. Scales and body analysis products. Treadmills for high performance requirements and for medical research.
<http://www.concept.se>

Contemplas GmbH

GERMANY

CONTEMPLAS GmbH, with its headquarter in Kempten/Germany, develops and distributes worldwide software solutions for general motion analysis in the sport and medicine market. With the motion analysis software TEMPLO and VICON MOTUS, CONTEMPLAS offers the possibility to do professional motion analysis in different fields of application and integrates other systems, such as EMG, pressure and force measurement.
<http://www.contemplas.com>

CORTEX Biophysik GmbH

GERMANY

As world market leader in mobile Cardiopulmonary Exercise Testing systems CORTEX is pleased to present to you at the ECSS comprehensive information about professional athletes' performance diagnostics. Our

Exhibitors profiles

diagnostic systems allow our customers to obtain precise measurement results in the areas of: performance diagnostics, training evaluation, prevention, therapy and rehabilitation.
<http://www.cortex-medical.com>

COSMED S.r.l.

ITALY

With more than 30 years of experience in the Sport & Performance field, COSMED provides the best and most comprehensive Cardiopulmonary, Metabolic and Body Composition solutions for the Research, Sport Science and human Performance fields.
<http://www.cosmed.com>

Delsys Inc.

USA

Delsys have been at the forefront of innovative developments in electromyography (EMG) with our patented parallel-bar sensors offering unmatched signal quality, consistency and reliability. The Delsys Trigno systems allow completely unrestricted subject motion while maintaining high fidelity signal quality and full-bandwidth sampling. Innovation is further demonstrated with the ground-breaking surface decomposition EMG system (dEMG) providing new parameters for studying and assessing motor control.
<http://www.delsys.com>

DIERS International GmbH

GERMANY

The objective of DIERS is to offer the market a comprehensive biomechanical product portfolio for holistic analysis of the human body. In the product development, value is placed on interdisciplinary utilization by various professional groups such as orthopaedists, orthopaedic technicians, physical therapists, dentists, orthodontists, sports medicine specialists etc. DIERS has meanwhile developed into a worldwide market leader in the field of optical 3D / 4D postural and motion analysis. Many years of experience in the field of biomechanics, cooperation with scientific institutes and

physicians and utilization of their expert knowledge now make it possible to generate therapy recommendations based on measurement results. There are currently programs available which offer recommendations for exercise training therapy and therapeutic insoles immediately after the diagnostic processes.
<http://www.diers.de>

ECSS Vienna 2016

AUSTRIA

On behalf of the Centre for Sport Science and University Sports, University of Vienna it is my great pleasure to invite you to attend the 21st Annual Congress of the European College of Sport Science in Vienna. The congress will be held between 6th and 9th of July, 2016 at the Austria Center Vienna (ACV) which is located close to the City Center, the River and the United Nations Building.
<http://www.ecss-congress.eu/2016/>

Gloria Sports Arena

TURKEY

Gloria Sports Arena is a modern sports complex with Indoor, Outdoor, Aquatic sports facilities and a Sports Medicine & Athletic Performance Center where athletes ranging from elite to recreational levels have the opportunity to be examined and followed by professional sports scientists in the areas of exercise physiology, motion control, biomechanics and all kinds of sports performance analyses.
<http://www.gloriasportsarena.com.tr>

h/p/cosmos sports & medical GmbH

GERMANY

Through the long history of more than 25 years in producing running-machines, h/p/cosmos has become THE treadmill specialist for sports, true medical (MDD) and oversize treadmills. h/p/cosmos produces a range of running machine systems from robust, reliable and MDD-certified machines to oversize machines for wheelchair athletes, cyclists and skiers. There are over 100 different models which include unweighting

systems, safety systems, software solutions and other patented support solutions.
<http://www.h-p-cosmos.com>

Human Kinetics

UNITED KINGDOM

At Human Kinetics, our mission is to produce innovative, informative products in all areas of physical activity that helps people worldwide lead healthier, more active lives. We are committed to providing quality informational and educational products in physical activity and health fields that meet the needs of our customers.
<http://www.humankinetics.com>

HUR Labs Oy

FINLAND

HUR Labs is a world leading vendor of products for testing human physical performance. Our main products are portable force platforms and software for testing of balance and jumps. Also products for strength testing - both dynamic and isometric are in our range. In Amsterdam HUR Labs introduces the Megaplate - a large force platform for measuring jumps and balance. Please visit us at the exhibition for a demonstration.
<http://www.hurlabs.com>

Kistler Instrumente AG

SWITZERLAND

Kistler force plates were first introduced in 1969 and have consistently proved their worth as precise, reliable measuring instruments. The unique piezoelectric measuring system offers numerous advantages and makes Kistler force plates a cost effective investment for biomechanical laboratories. Longevity, high accuracy, linearity and sensitivity provide reliable and reproducible results.
<http://www.kistler.com/biomechanics>

Lode B.V.

THE NETHERLANDS

Lode is world renowned as manufacturer of high quality ergometers. The Lode brand stands for accuracy, durability and ergonomic design. The Lode product range varies from bicycle ergometers and treadmills to recumbent, arm and supine ergometers and ergometry software.
<http://www.lode.nl>

MICROGATE SRL

ITALY

Microgate's technological research is applied in the field of training with one objective: to analyze and improve sports performances. Our Company provides innovative and well-known solutions (e.g. OptoJump Next, Witty), consulting, and technical support to coaches and trainers with the aim of optimizing training activities and evaluating performances.
<http://www.microgate.it>

Monark Exercise AB

SWEDEN

The new generation of Monark bikes is developed with the cyclist in mind. With a perfect position, modern force and open source connect ability it offers models for any situation within Sports & Medical area.
<http://www.monarkexercise.se>

MTF- Musculoskeletal Transplant Foundation

USA

The Musculoskeletal Transplant Foundation (MTF), the United States's largest tissue bank, provides safe, high quality allograft tissue for surgeons and their patients. MTF sport tissues are available for ligament reconstruction, cartilage repair, and meniscal transplantation. MTF maintains an exemplary safety record and has distributed over 6.000.000 grafts with zero dis-

ease transmission.
<http://www.mff.org>

Novel GmbH

GERMANY
 Novel is the specialist in development of load distribution measurement systems. With more than 30 years of experience, our scientists and engineers set the benchmark for accuracy and reliability of load distribution measurement. Well-known major companies and prominent research institutions in medicine, sports, biomechanics and industry worldwide rely on novel's technology.
<http://www.novel.de>

PAL Technologies Ltd

SCOTLAND, UK
 PAL Technologies' award winning activPAL™ is the researcher's preferred choice for quantifying free-living sedentary, upright and ambulatory activities, providing the evidence to link sedentary behaviours to chronic disease risk. Working in partnership with our worldwide customer base, we deliver clinically relevant measures to support and inform patient-centred treatment approaches and are proud to be helping to build healthier lives. Come and chat with us about your research and find out about our latest product developments on stand 017.
<http://www.paltechnologies.com>

PhysioFlow / Manatec Biomedical

FRANCE
 PhysioFlow® is a unique range of noninvasive hemodynamic monitors that perform the most accurate and validated continuous measurements of cardiac output in the world, even at max exercise. Some of our systems are wireless and portable. The combination of advanced miniaturized hardware and software enables new applications in the lab and for the first time in the field, for trainers and exercise physiologists.
<http://www.physioflow.com>

Polar Electro Sverige AB

SWEDEN
 Listening to your body is one thing, understanding what it is telling you is an altogether different story. Polar helps you get under the skin of your training. We put it down to a combination of expertise in sports, physiology and electronics, coupled with a deep understanding of customer needs. It's no surprise then that we've been leading the way in technological innovations and heart rate monitors since 1977.
<http://www.polar.com>

PowerBar Europe GmbH

GERMANY
 In 1986 PowerBar® developed the world's first energy bar and ever since then they have provided endurance, fitness and team athletes with the best possible sports nutrition. PowerBar® products are based on the latest scientific knowledge and are developed together with leading sports nutrition scientists and professional athletes. For almost 30 years world-class athletes, teams and world events have put their trust in PowerBar® as their nutrition partner.
<http://www.powerbar.com>

POWERbreathe International Ltd

UNITED KINGDOM
 Not only are POWERbreathe's K-Series devices the Worlds 1st Intelligent Digital Breathing Trainers, but an independent International 6 Nation Clinical Medical Research study has endorsed these as "Gold Standard" devices. With the new K5 + K4 Breathe-Link s/w, the possibilities for research in Sports Science and improvement in Time Efficient High Performance Training Outcomes are increasingly being recognised. Also ask about PBAS, the NEW – Innovative + Affordable & Modular room based plus portable POWERbreathe Altitude Systems, including a bespoke design for h/p/cosmos: Saturn, Venus and other model treadmills. /<http://www.powerbreathe.com>
<http://www.powerbreathe.com>

prophysics SOL AB

SWEDEN
 prophysics SOL - Your supplier of high-end Motion Analysis equipment in the Nordic Area
<http://www.prophysics-sol.se/>

Qualisys AB

SWEDEN
 Qualisys Optical Motion Capture System and software for 3D tracking of biomechanics. The system include the Qqus range of cameras is the latest platform for Qualisys motion capture systems. With features such as high-speed video and active filtering for outdoor usage, the Qqus camera is a very versatile piece of hardware. The Project Automation Framework (PAF) for QTM is a customizable infrastructure that lets you automate repetitive tasks in your workflow. Analyse a series of captures and create reports with the click of a button.
<http://www.qualisys.com>

RBM elektronik-automation GmbH

GERMANY
 The Cyclus2 is an innovative state-of-the-art cycling ergometer packed with electronic and IT solutions, comprising of standardized performance tests, isokinetic mode, lateral oscillation, and training- and programming applications. Due to its versatility, functionality and user-friendliness it is used by sports scientists, high performance centres, coaches and top-class cyclists worldwide.
<http://www.cyclus2.com>

Routledge Taylor & Francis Group

UNITED KINGDOM
 As a leading publisher in the field of Sports and Leisure, Routledge proudly offers a wealth of highly-cited journal content and primary research. Routledge journals dominate the Hospitality, Leisure, Sport and Tourism category of the Social Sciences Citation Index® as well as hosting a prestigious book publishing pro-

gram. Discover more on Routledge Journals at <http://explore.tandfonline.com/sport>
 And Routledge books at <http://www.routledge.com/sport>
<http://www.tandfonline.com/tejs>

Salimetrics Europe Ltd

UNITED KINGDOM
 Salimetrics is widely regarded as a global leader in salivary bioscience because in many instances they pioneered the saliva collection methods, science, and assay technology that support the field. Salimetrics are experts in the science of saliva, and their immunoassays are renowned for reliable results both in salivary research and diagnostics.
<http://www.salimetrics.com>

Tekscan, Inc.

USA
 Tekscan manufactures a range of pressure assessment and clinical/research evaluation tools. Our unique systems use thin, flexible, high-resolution sensors to count balance errors experienced by a subject during the Balance Error Scoring System (BESS) test.
<http://www.tekscan.com>

TMG-BMC d.o.o.

SLOVENIA
 TMG provides relevant information about muscle contractile properties in an objective, selective and non-invasive way. It gives insights into: muscle composition, muscle functional characteristics, local muscle fatigue, atrophy, muscle inhibition, spasticity, tonus, and more. High repeatability enables long term monitoring of acute and chronic changes in muscle function.
<http://www.tmg.si>

Exhibitors profiles

Universidad Católica San Antonio de Murcia (UCAM)

SPAIN

UCAM is a private university founded in 1996 with a clear mission: to train students with knowledge and skills to serve the society, to contribute to the further expansion of human knowledge through research as an integral part of the development of man. The university of sports in Spain. More than 50 olympic players and 12 000 students at the campus.

<http://www.ucam.edu/>

University of Malmö

SWEDEN

University of Malmö, University of Lund, University of Copenhagen and City of Malmö

Velamed GmbH

GERMANY

Velamed GmbH was founded in 2005 as a medical distribution company in Cologne, Germany. As European distributor for biomechanical measuring systems the key company competence is to equip laboratories with biomechanical measurement solutions combined with qualified product and planning consultancy.

<http://www.velamed.com>

zebris Medical GmbH

GERMANY

zebris Medical GmbH is an innovative company that has been successful for many years in the development and production of 3-dimensional motion analysis and force measurement technologies for biomechanics.

<http://www.zebris.de/>

Leaders in sports medicine

Aspetar helps athletes regain their trajectory of success despite the setback of injury. Our multidisciplinary team of expert clinicians provides seamless patient care at our state-of-the-art facility.

At Aspetar, clinical excellence is supported by the latest technology and research advances; our team has a wealth of international sports medicine experience at the highest level. We can support you on your journey to do what you do best: perform at your peak.

Orthopaedic & Sports Medicine Hospital

www.aspetar.com

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Wednesday 24th June 2015

Time	High Live 1	Kuben	High Live 2	High Live 3	High Live 4	Live 1	Live 2
08:30	Opening of registration						
10:00	Opening of the Exhibition						
10:00 - 11:00	Press Conference (Live 10)						
09:00 - 13:00	Satellite symposia/Workshops						
13:00 - 14:00	MO-PM01 TRAINING & TESTING	OP-PM76 GSSI NUTRITION AWARD	OP-PM77 ASPETAR EXCELLENCE IN FOOTBALL AWARD	OP-BN13 COACHING: TEAM SPORT I	MO-BN01 MOTOR LEARNING & BIOMECHANICS	MO-PM03 MUSCLE, MOLECULAR BIOLOGY AND BIOCHEMISTRY	MO-SH01 SOCIAL SCIENCES AND HUMANITIES IN SPORT
14:00 - 15:00	MO-PM02 NUTRITION, TRAINING ADAPTATION AND PERFORMANCE				MO-BN03 KINEMATICS	MO-PM05 OXYGEN TRANSPORT, VO ₂ MAX AND ENERGY EXPENDITURE	MO-SH06 PHILOSOPHY & ETHICS
15:00 - 16:30	IS-PM02 THE BENGT SALTIN TRIBUTE SYMPOSIUM	IS-PM10 THE ATHLETE'S BIOLOGICAL PASSPORT – WHAT'S THE STATUS? *	IS-PM06 SKELETAL MUSCLE ADAPTATIONS TO ENDURANCE TRAINING	OP-PM02 HEALTH, TRAINING & PERFORMANCE	IS-BN04 QUALITY OF MOVEMENTS – MORE THAN MEETS THE EYE?	IS-BN06 TENDON ADAPTATION	IS-SH01 FEPSAC SYMPOSIUM - THE DEVELOPMENT OF EXPERTISE...
16.30 - 16.45	Coffee break						
16.45 - 18.00	Plenary session 1: CHANCES AND CHALLENGES FOR PHYSICAL ACTIVITY AND LEARNING - SUSTAINABLE MOVEMENTS AND MOVEMENT CULTURES (High Live 1)						
18.00 - 18.30	Award ceremony Aspetar & GSSI (High Live 1)						
18.30 - 19:30	Opening ceremony (Concert hall)						
19.30 - 20:30	Opening reception (Exhibition area)						

Wednesday 24th June 2015

Time	Live 3	Live 4	Live 5	Live 6	Live 7	Live 8	Live 10
13:00 - 14:00	MO-SH04 PSYCHOLOGY I	MO-PM07 ADAPTED PHYSICAL ACTIVITY: CHALLENGES	MO-BN04 MIXED	MO-PM06 ADAPTED PHYSICAL ACTIVITY: SPORT & DISABILITY	MO-PM11 HEALTH & FITNESS: AGE	MO-BN06 COACHING: MIXED SESSION	MO-SH02 PHYSICAL EDUCATION AND PEDAGOGICS I
14:00 - 15:00	MO-SH05 PSYCHOLOGY II	MO-PM08 ADAPTED PHYSICAL ACTIVITY: DISABILITIES	MO-BN05 MOTOR LEARNING	MO-PM10 ADAPTED PHYSICAL ACTIVITY: NUTRITION	MO-PM12 HEALTH & FITNESS: AGEING, GEN- DER, STRENGTH	MO-BN07 COGNITIVE IMPAIRMENTS AND FATIGUE DURING EXERCISE	MO-SH03 PHYSICAL EDUCATION AND PEDAGOGICS II
15:00 - 16:30	IS-SH02 ANIMALS, SPORT AND HEALTH - A SUSTAINABLE RELATIONSHIP?	OP-PM05 MUSCLE METABOLISM & NITRATE INGESTION	OP-BN01 NEUROMUSCULAR CONTROL	OP-PM36 SPORTS MEDICINE & TECHNOLOGY	OP-PM35 SPORT TECHNOLOGY: MIXED SESSION	OP-SH05 PSYCHOLOGY (PHYSICAL EXERCISE, FOOTBALL PERFORMANCE)	OP-SH01 SPORTS PEDAGOGY AND HISTORY

Thursday 25th June 2015

Time	High Live 1	Kuben	High Live 2	High Live 3	High Live 4	Live 1	Live 2
08:30 - 10:00	OP-PM63 NUTRITION: FAT, GLUCOSE AND METABOLISM	OP-PM06 TRAINING INDUCED ADAPTATION	OP-PM01 SPORTS MEDICINE	OP-PM03 EXERCISE METABOLISM, MITOCHONDRIAL FUNCTION...	OP-PM61 HEALTH & FITNESS: AGE III	OP-BN14 COACHING: TEAM SPORT II	OP-SH02 SPORT PSYCHOLOGY AND MOTOR/ COGNITIVE FUNCTION
10:00 - 10:20	Coffee break						
10:20 - 11:50	IS-PM12 THE IMPACT OF PHYSICAL ACTIVITY ON CARDIOVASCULAR... *	IS-PM01 SPORTS NUTRITION EXCHANGE SPONSORED BY GSSI	OP-PM07 CARBOHYDRATE AND PERFORMANCE	OP-PM04 ADAPTATION AND MOVEMENT ANALYSIS	IS-BN10 LATERALITY IN LOCOMOTION AND SPORT SPONSORED BY ADIDAS	IS-BN09 RATE OF FORCE DEVELOPMENT: NEW IDEAS ON MEASUREMENT...	IS-SH06 SPORT AND PHYSICAL ACTIVITY IN LATER LIFE
11:50 - 12:00	Break						
12:00 - 13:15	Plenary session 2: FROM THE CRADLE TO THE GRAVE - SPORT AND PHYSICAL ACTIVITY FOR A SUSTAINABLE BODY (High Live 1)						
13:15 - 14:00	Lunch break						
14:00 - 15:00	MO-PM13 HEALTH & FITNESS: LIFESTYLE	MO-PM15 HEALTH & FITNESS: MIXED SESSION	MO-PM17 PHYSIOLOGY: ENDURANCE	MO-PM19 PHYSIOLOGY: THERMOREGULATION, FATIGUE	MO-PM21 PHYSIOLOGY: ENERGY METABOLISM	MO-PM23 PHYSIOLOGY: MIXED SESSION	MO-SH12 SOCIAL SCIENCE AND SPORT
15:00 - 16:00	MO-PM14 HEALTH & FITNESS: CHILDREN, TEAM SPORTS	MO-PM16 PHYSIOLOGY: STRENGTH	MO-PM18 PHYSIOLOGY: MIXED SESSION I	MO-PM20 PHYSIOLOGY: MUSCLE DAMAGE, HYPOXIA	MO-PM22 PHYSIOLOGY: CARDIOVASCULAR PHYSIOLOGY	MO-PM24 PHYSIOLOGY: MIXED SESSION	MO-SH13 SOCIOLOGY/SPORT MANAGEMENT II
16:00 - 16:20	Coffee break						
16:20 - 17:50	IS-PM09 PERFORMANCE AND TRAINING OF THE TOP-ATHLETE *	IS-PM13 SKELETAL MUSCLE LIPOTOXICITY; SHOULD WE BE INTERESTED?	OP-BN16 COACHING: MIXED SESSION II	OP-PM13 PHYSIOLOGY: ENDURANCE	IS-BN05 PERFORMING WHEN GETTING OLDER	IS-BN07 INTEGRATIVE APPROACH. SPONSORED BY THE PHYSIOL. SOCIETY	IS-SH10 URBAN SPORT LANDSCAPES
17:50 - 18:00	Break						
18:00 - 19:30	OP-PM64 NUTRITION: AMINO ACIDS AND PROTEINS	OP-PM30 SPORTS MEDICINE & ORTHOPEDICS: PHYSIOTHERAPY I	OP-PM10 PHYSIOLOGY: AGE II	OP-PM14 PHYSIOLOGY: INTERVAL TRAINING	OP-PM68 ADAPTED PHYSICAL ACTIVITY: PHYSICAL DISABILITIES	OP-PM56 HEALTH & FITNESS: ENDURANCE	OP-SH23 SOCIOLOGY/SPORT MANAGEMENT

Thursday 25th June 2015

Time	Live 3	Live 4	Live 5	Live 6	Live 7	Live 8	Live 10
08:30 - 10:00	OP-SH03 SPORT MANAGEMENT (SUSTAINABILITY AND SPORT EVENTS)	OP-PM19 PHYSIOLOGY: FATIGUE, MUSCLE DAMAGE & REPAIR	POLAR SYMPOSIUM ON HEART RATE VARIABILITY SPONSORED WORKSHOP	OP-PM11 THERMOREGULATION I	OP-PM26 PHYSIOLOGY: BRAIN	OP-BN12 MUSCULOSKELETAL & FATIGUE	OP-SH04 PHYSICAL EDUCATION & PEDAGOGICS (CHILDREN IN SPORT)
10:20 - 11:50	IS-SH05 GOOD GOVERNANCE IN SPORTS	OP-PM20 PHYSIOLOGY: MUSCLE METABOLISM, INTERVAL TRAINING	OP-BN02 MOTOR LEARNING	OP-PM12 THERMOREGULATION II	OP-PM49 TRAINING & TESTING: AGE & CLINICAL	OP-BN03 SWIMMING, JUMPING & SQUATTING, COORDINATION	OP-SH15 PHYSICAL EDUCATION & PEDAGOGICS I
14:00 - 15:00	MO-SH07 SPORT MANAGEMENT	MO-PM25 REHABILITATION AND PHYSIOTHERAPY	MO-PM27 SPORTS MEDICINE AND ORTHOPEDICS: ORTHOPEDICS	MO-PM45 REAL LIFE THREATS TO SPORT PERFORMANCE	MO-PM31 MOLECULAR BIOLOGY AND BIO-CHEMISTRY	MO-PM33 NEUROMUSCULAR PHYSIOLOGY: FATIGUE	MO-SH10 SPORTS STATISTICS & ANALYSIS I
15:00 - 16:00	MO-SH08 SOCIOLOGY/SPORT MANAGEMENT I	MO-PM26 REHABILITATION AND PHYSIOTHERAPY: ORTHOPEDIC ...	MO-PM28 SPORTS MEDICINE AND ORTHOPEDICS: MIXED SESSION I	MO-PM30 SPORTS MEDICINE AND ORTHOPEDICS: GENDER	MO-PM32 SPORT TECHNOLOGY	MO-PM34 NEUROMUSCULAR PHYSIOLOGY: COORDINATION	MO-SH11 SPORTS STATISTICS & ANALYSIS II
16:20 - 17:50	IS-SH08 CHILDRENS RIGHTS IN SPORT	OP-PM21 PHYSIOLOGY: RESPIRATION	OP-BN04 RUNNING	OP-PM40 TRAINING & TESTING: STRENGTH I	OP-PM54 HEALTH & FITNESS: LIFESTYLE III	OP-SH06 PSYCHOLOGY (SELF-DETERMINATION)	OP-SH22 SOCIOLOGY (SPORT SCIENCE IN ECSS)
18:00 - 19:30	OP-SH16 PHYSICAL EDUCATION & PEDAGOGICS II	OP-PM22 PHYSIOLOGY: VASCULAR BIOLOGY	SPORTS NUTRITION SPECIAL INTEREST GROUP HOSTED BY GSSI	OP-PM41 TRAINING & TESTING: STRENGTH II	OP-PM24 PHYSIOLOGY: HORMONAL BIOLOGY & GENDER	OP-BN11 SKILL ACQUISITION	OP-SH12 SPORTS HISTORY

Friday 26th June 2015

Time	High Live 1	Kuben	High Live 2	High Live 3	High Live 4	Live 1	Live 2
08:30 - 10:00	OP-PM65 NUTRITION: HYDRATION	OP-PM31 SPORTS MEDICINE & ORTHOPEDICS: PHYSIOTHERAPY II	OP-PM27 SPORTS MEDICINE & ORTHOPEDICS: ORTHOPEDICS I	OP-PM15 PHYSIOLOGY: HYPOXIA	OP-PM69 ADAPTED PHYSICAL ACTIVITY: MENTAL DISABILITIES	OP-PM74 MOLECULAR BIOLOGY AND BIO- CHEMISTRY: FATIGUE	OP-SH13 SOCIOLOGY/PSYCHOLOGY (TALENT IDENTIFICATION)
10:00 - 10:20	Coffee break						
10:20 - 11:50	IS-PM11 ECSS - ACSM EXCHANGE SYMPOSIUM	IS-PM04 EFFECTS OF EXERCISE ON BRAIN FUNCTION...	IS-PM03 FEMALE SEX HORMONES AND SKELETAL MUSCLE *	OP-PM16 PHYSIOLOGY: FATIGUE	IS-BN02 SPORT EXPERTISE: PUTTING BRAIN, BODY...	IS-BN03 THE WORKPLACE AS ARENA FOR HEALTH ENHANCING...	IS-SH04 RELATIVE AGE EFFECTS IN YOUTH SPORT: INSIGHTS FROM...
11:50 - 12:00	Break						
12:00 - 13:15	Plenary session 3: EXERCISE, ENERGY INTAKE, BRAIN HEALTH AND WELL BEING (High Live 1)						
13:15 - 14:00	Lunch break						
14:00 - 15:00	Visit the exhibition						
15:00 - 16:00	MO-PM37 TRAINING AND TESTING: FATIGUE AND NEUROMUSCULAR...	MO-PM35 TRAINING AND TESTING: STRENGTH	MO-PM38 TRAINING AND TESTING: TEAM SPORTS I	MO-PM39 TRAINING AND TESTING: TEAM SPORTS II	MO-PM40 TRAINING AND TESTING: ENDU- RANCE	MO-PM41 TRAINING AND TESTING: ENDU- RANCE & CLINICAL	MO-PM42 TRAINING AND TESTING: INTERVAL TRAINING, TIME TRIAL
16:00 - 16:20	Coffee break						
16:20 - 17:50	IS-PM08 TEAM SPORT & HEALTH *	OP-PM17 PHYSIOLOGY: CARDIOVASCULAR II	IS-PM16 JSPFSM-RISK FACTORS AND BIO- MARKERS OF REDUCED...	OP-PM43 TRAINING & TESTING: TEAMSPORT I	OP-PM59 HEALTH & FITNESS: AGE I	IS-PM17 CSSS-ECSS EXCHANGE SYMPOSI- UM: PHYSICAL ACTIVITY...	IS-SH03 INTERNET OF SPORTS: AUGMEN- TING SPORTS TECHNOLOGY...
17:50 - 18:00	Break						
18:00 - 19:30	OP-PM66 NUTRITION: CLINICAL	OP-PM18 PHYSIOLOGY: CARDIOVASCULAR I + ESSA-ECSS EXCHANGE	OP-PM28 SPORTS MEDICINE & ORTHOPEDICS: ORTHOPEDICS II	OP-PM44 TRAINING & TESTING: TEAMSPORT II	OP-PM60 HEALTH & FITNESS: AGE II	OP-PM57 HEALTH & FITNESS: CHILDREN I	OP-SH08 PSYCHOLOGY (CHALLENGES WITHIN SPORT PSYCHOLOGY II)

Friday 26th June 2015

Time	Live 3	Live 4	Live 5	Live 6	Live 7	Live 8	Live 10
08:30 - 10:00	OP-SH14 SOCIOLOGY: SPORT MEDIA	OP-PM37 TRAINING & TESTING: ENDURANCE I	OP-BN05 KINEMATICS	Elite Sport SPECIAL INTEREST GROUP	Environmental Physiology SPECIAL INTEREST GROUP	OP-BN08 BALANCE & STABILITY, COORDINATION	OP-SH17 PHYSICAL EDUCATION & PEDAGOGICS III
10:20 - 11:50	IS-SH09 SPORTS LABOUR MOBILITY AND THE POLITICS OF PRECARIETY	OP-PM38 TRAINING & TESTING: ENDURANCE II	OP-PM70 MOLECULAR BIOLOGY AND BIOCHEMISTRY: EPIGENETICS	OP-PM42 TRAINING & TESTING: STRENGTH III	OP-PM23 PHYSIOLOGY: ENERGY METABOLISM	OP-BN10 MOTOR LEARNING, COORDINATION	OP-SH18 SPORT PARTICIPATION, DEVELOPMENT AND EXERCISE
15:00 - 16:00	MO-SH09 PSYCHOLOGY III	MO-PM43 TRAINING AND TESTING: COORDINATION & AGILITY	MO-PM44 TRAINING AND TESTING: MIXED	MO-PM29 SPORTS MEDICINE AND ORTHOPEDICS: MIXED SESSION II	MO-PM36 TRAINING AND TESTING: STRENGTH AND NEUROMUSCULAR...	MO-BN02 COACHING	MO-SH14 SPORTS STATISTICS & ANALYSIS III
16:20 - 17:50	IS-SH11 SPORT FOR DEVELOPMENT AND PEACE: CRITICAL PERSPECTIVES	OP-PM39 TRAINING & TESTING: ENDURANCE III	OP-PM71 MOLECULAR BIOLOGY AND BIOCHEMISTRY: METABOLISM	OP-PM33 SPORTS MEDICINE & ORTHOPEDICS: INJURY PREVENTION I	OP-PM48 TRAINING & TESTING: AGILITY	OP-SH07 PSYCHOLOGY (MENTAL HEALTH AND STRESS)	OP-SH19 PHILOSOPHY & ETHICS I
18:00 - 19:30	OP-SH21 SOCIOLOGY	OP-PM62 HEALTH & FITNESS: MIXED	OP-PM72 MOLECULAR BIOLOGY AND BIOCHEMISTRY: GENE EXPRESSION...	OP-PM34 SPORTS MEDICINE & ORTHOPEDICS: INJURY PREVENTION II	OP-PM51 TRAINING & TESTING: COORDINATION	OP-BN06 MUSCLE FUNCTION	OP-SH20 PHILOSOPHY & ETHICS II

Saturday 27th June 2015

Time	High Live 1	Kuben	High Live 2	High Live 3	High Live 4	Live 1	Live 2
08:30 - 10:00		OP-PM32 SPORTS MEDICINE & ORTHOPEDICS: PHYSIOTHERAPY III	OP-PM29 SPORTS MEDICINE & ORTHOPEDICS: EXERCISE THERAPY, EPIDEMIOLOGY		OP-PM45 TRAINING & TESTING: TEAMSPORT III	OP-PM58 HEALTH & FITNESS: CHILDREN II	OP-SH11 SPORT STATISTICS & ANALYSIS
10:00 - 10:20	Coffee break						
10:20 - 11:50	IS-PM05 ROLE OF GLYCOGEN IN SKELETAL MUSCLE REGULATION...	IS-PM14 EFFECT OF SCHOOL BASED PHYSI- CAL ACTIVITY INTERVENTIONS	IS-PM07 LIFELONG ENDURANCE TRAINING. IN HONOUR OF BENGT SALTIN *	IS-PM15 RECENT DEVELOPMENTS... SPONSORED BY ASPETAR	IS-BN08 MENTAL AND COGNITIVE TRAINING	IS-BN01 DIGITAL SUPPORT SYSTEMS IN RECREATIONAL AND ELITE SPORTS	IS-SH07 LARS MAGNUS ENGSTRÖM MEMO- RIAL SESSION
11:50 - 12:00	Break						
12:00 - 13:15	Plenary session 4: INACTIVITY AND THE AGEING POPULATION (High Live 1)						
13:15 - 14:00	Lunch break						
14:00 - 15:00	Young Investigators Award - Presentations (High Live 1)						
15:15 - 15:45	Presidential Lecture (High Live 1)						
15:45 - 16:00	Break						
16:00 - 16:30	Young Investigators Award - Award Ceremony (High Live 1)						
16:30 - 17:30	Closing ceremony (High Live 1)						
19.30 - 03:00	ECSS Congress Party (Moriska Paviljongen - Folkets Park)						

Saturday 27th June 2015

Time	Live 3	Live 4	Live 5	Live 6	Live 7	Live 8	Live 10
08:30 - 10:00	OP-SH09 PSYCHOLOGY (CHALLENGES WITHIN SPORT PSYCHOLOGY II)	OP-PM46 TRAINING & TESTING: FATIGUE I	OP-PM73 MOLECULAR BIOLOGY AND BIO-CHEMISTRY: AGE	OP-PM52 HEALTH & FITNESS: LIFESTYLE I	OP-PM25 PHYSIOLOGY: MIXED SESSION	OP-BN07 GENDER II	OP-SH24 SOCIOLOGY (SPORT AND GENDER)
10:20 - 11:50	OP-SH10 PSYCHOLOGY (TRAINING AND EXERCISE)	OP-PM47 TRAINING & TESTING: FATIGUE II	OP-PM75 MOLECULAR BIOLOGY AND BIO-CHEMISTRY	OP-PM53 HEALTH & FITNESS: LIFESTYLE II	OP-PM55 HEALTH & FITNESS: OBESITY	OP-BN09 BIOMECHANICS MIXED SESSION	OP-SH25 SOCIOLOGY (SPORT AND GENDER)

Parallel programme

Satellites

Sport Nutrition Exchange: Insights into the Measurement and Manipulation of Metabolism in Athletes – hosted by GSSI

Wednesday, 24th June 2015
09:00 – 12:30
Lecture room: Kuben

Sustainable Physical Education for a Sustainable Society

Wednesday, 24th June 2015
10:00 – 12:00
Lecture room: Live 5

Internet of Sports – on the definition of an international research agenda

Wednesday, 24th June 2015
10:00 – 12:00
Lecture room: Live 6

VO2max, the gold standard for health performance assessment in both laboratory-based and field-based testing – hosted by COSMED

Wednesday, 24th June 2015
09:00 – 12:00
Lecture room: High Live 3

ECSS Workshops (EWSS)

EWSS – Spreadsheets for Research Design and Analysis

Wednesday, 24th June 2015
08:30 – 10:30
Lecture room: Live 4

Sponsored Workshops

Polar symposium on heart rate variability – hosted by Polar

Thursday, 25th June 2015
08:30 – 10:00
Lecture room: Live 5

How to make objective decisions based on GRF measurement to monitor and adjust training that help athletes to develop at an optimal level – hosted by Kistler Instrumente AG

Wednesday, 24th June 2015
08:30 – 10:00
Lecture room: Live 2

Awards

GSSI Nutrition Award

Finalists' Presentations
Wednesday, 24th June 2015
13:00 - 15:00
Lecture room: Kuben

Aspetar Excellence in Football Award

Finalists' Presentations
Wednesday, 24th June 2015
13:00 - 15:00
Lecture room: High Live 2

Special Interest Groups (SIG)

Sports Nutrition

Thursday, 25th June 2015
18:00 – 19:30
Lecture room: Live 5

Environmental Physiology

Friday, 26th June 2015
08:30 – 10:00
Lecture room: Live 7

Elite Sport Performance

Friday, 26th June 2015
08:30 – 10:00
Lecture room: Live 6

ECSS General Assembly

ECSS General Assembly

Wednesday, 24th June 2015
11:00 – 12:00
Lecture room: Live 3