

PROGRAM

FRIDAY, MAY 3rd, 2013

DAY 01

1st MONTRÉAL INTERNATIONAL SYMPOSIUM OF GRAPA

MUSCLE FROM HUMANS TO CELLS

7h30 – 8h00

Welcoming participants and coffee

8h00 – 8h15

Opening Remarks

8h15 - 10h15

Session A: Inside Muscle Cells

Chairman

Burelle Y, Ph.D. (Université de Montréal, Canada)

Speakers

Hepple RT, Ph.D. (McGill University, Canada)

Implications of Declining PGC-1alpha for Aging Skeletal Muscle.

Grenier G, Ph.D. (Université de Sherbrooke, Canada)

Biomechanical microenvironment of the myogenic progenitor cell: a forgotten piece of the puzzle in the study of the ageing process?

Lees SJ, Ph.D. (Northern Ontario Medical School, Canada)

Aging and immunity: Implications for satellite cell function and impaired regeneration.

Senior speaker // Selected from submitted abstracts

Gouspillou G, Ph.D. (McGill University, Canada)

Is mitochondrial function impaired with aging in human skeletal muscle?

10h15 - 10h30

Coffee break

10h30 - 11h30

Student oral presentations: Selected from submitted abstracts

Jourdan M, Ph.D. (Wageningen, The Netherlands)

A high whey protein, leucine-enriched supplement stimulated postprandial muscle protein synthesis more than a dairy-like product in healthy older people.

Yamada Y, Ph.D. (Fukuoka University, Japan)

Estimation of Thigh muscle cross-sectional area by single- and multi-frequency segmental bioelectrical analysis in the elderly.

Veilleux L-N, Ph.D. (McGill University, Canada)

The functional muscle-bone unit in osteogenesis imperfect type I.

11h30 - 12h30

Poster presentations

12h30 - 13h30

Lunch

13h30 - 15h30

Session B: Neuromuscular Characterization

Chairman

Bélanger M, Ph.D. (Université du Québec à Montréal, Canada)

Speakers

Narici M, Ph.D. (Manchester Metropolitan University, United Kingdom)

SARCOPENIA - why do we all lose muscle mass with ageing, and can regular exercise preserve strength and function?

Enoka RM, Ph.D. (University of Colorado, USA)

Muscle Activation and the Age-Associated Decline in Motor Function.

Rice CL, Ph.D. (University of Western Ontario, Canada)

Age-related Changes in the Motor Unit: A Grey Area.

Senior speaker // Selected from submitted abstracts

Rassier D, Ph.D. (McGill University, Canada)

Mechanics of myosin filaments

15h30 - 16h00

Coffee break

16h00 - 18h00

Session C: Muscle & Protein Intake

Chairman

Aubertin-Leheudre M, Ph.D. (Université du Québec à Montréal, Canada)

Speakers

Chevalier S, Ph.D. (McGill University, Canada)

High-protein diets: a double-edge sword that promotes muscle protein anabolism and impedes glucose homeostasis?

INTERNATIONAL CONFERENCE

May 3-4, 2013

Montréal (Québec), Canada

CONGRESS VENUE:

Pavillon Sherbrooke
200 Sherbrooke West Street
H2X 3P2
Montréal, Québec, Canada

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Phillips SM, Ph.D. (McMaster University, Canada)
Anabolic Resistance to Protein and Exercise: A Human Perspective on Sarcopenic Muscle Loss.

Van Loon LJ, Ph.D. (Maastricht University, Netherlands)
Dietary protein and muscle maintenance in the elderly.

Senior speaker // Selected from submitted abstracts

Dardevet D, Ph.D. (INRA, Clermont-Ferrand, France)

Delayed generalized muscle atrophy following unilateral hindlimb casting in old rats is prevented by a whey or a high protein diet but not a free leucine-enriched diet.

18h00 - 19h00

Tour of the department of Kinesiology lab

19h00 - 21h00

Dinner ceremony

SATURDAY, MAY 4RD, 2013

DAY02

7h30 - 9h00

Welcoming participants and coffee

9h00 - 11h00

Session D: Muscle Strength / Quality & Physical Functions

Chairman

Manini T, Ph.D. (University of Florida, USA)

Speakers

Manini T, Ph.D. (University of Florida, USA)

Role of dynapenia in the disablement process

Pahor M, Ph.D. (University of Florida, USA)

Exercise to prevent disability and frailty in older adults - The LIFE Study.

Taivassalo T, Ph.D. (McGill University, Canada)

Insights on muscle quality from elite Masters athletes.

Senior speaker // Selected from submitted abstracts

Yasumoto M, MD (National Center for Geriatrics and Gerontology, Japan)

A new grip-strength measuring device for detailed evaluation of muscle contraction.

11h00 - 11h30

Coffee break

11h30 - 12h30

Poster presentations

12h30 - 13h30

Lunch

13h30 - 15h30

Session E: Fat & Muscle Mass in Physical Functions

Chairman

Morais J, MD (McGill University, Canada)

Speakers

Baracos V, Ph.D. (University of Alberta, Canada)

Skeletal muscle mass and fat mass are essential physiological resources for survival in older persons with chronic disease.

Goodpaster B, Ph.D. (University of Pittsburgh, USA)

Skeletal Muscle Lipid Accumulation, Dysregulated Metabolism and Impaired Function.

Aubertin-Leheudre M, Ph.D. (Université du Québec À Montréal, Canada)

Dynapenia versus sarcopenia in obesity: What do we know?

15h30 - 16h00

Coffee Break

16h00 - 18h00

Session F: Lost in Muscle Loss Definitions

Chairman

Aubertin-Leheudre M & Chevalier S, Ph.D. (Canada)

Speakers

Manini T, Ph.D. (University of Florida, USA)

How to define Dynapenia.

Morais J, MD (McGill University, Canada)

How to define Frailty.

Hepple RT, Ph.D. (McGill University, Canada)

How to define Muscle atrophy (sarcopenia).

Baracos V, Ph.D. (University of Alberta, Canada)

How to define Cachexia.

18h00

WINE AND CHEESE