



**CFATG** (The Francophone AuTophagy Club)  
**5<sup>th</sup> Annual Scientific Days on Autophagy**  
World Trade Center, Lille, 5<sup>th</sup> - 7<sup>th</sup> october 2015



### Monday October 5th 2015

- 14h00-15h30 Registration
- 15h30-15h40 Welcome address by CFATG president, Frank Lafont (CIIL, Lille)
- 15h40-15h50 A History of CFATG by Patrice Codogno (INEM, Paris)
- 15h50-16h35 **Keynote Session 1 (spons. SBCF)**  
Session Chair: M. Faure (CIRI, Lyon)
- Tassula Proïkas-Cezanne** (Tuebingen Univ. Germany)  
The role of WIPI proteins in the control of autophagy
- 16h35-17h00 **Session I: REGULATION & SIGNALISATION (Part I)**  
Session Chairs : Sophie Patingre (IRCM, Montpellier) & Etienne Morel (INEM, Paris)
- Yasmine Sebti** (Institut Pasteur, Lille)  
LEPROTL1 regulates skeletal muscle plasticity and ROS production through an ERK1/2-mediated protective stress response
- 17h00-17h30 *Coffee break*
- 17h30-18h30 **Session I: REGULATION & SIGNALISATION (Part II)**
- Anna C. Nascimbeni** (INEM, Paris)  
Endoplasmic reticulum-plasma membrane (ER-PM) contact sites in autophagosome biogenesis
- Guillaume Bastin** (Univ Toronto, Toronto, Canada)  
Active Gai3 decreased autophagy initiation via its ability to inhibit JNK-dependent disruption of the Bcl2:Beclin1 complex
- Alexis Bretin** (M2iSH, Clermont-Ferrand)  
Activation of the GCN2/eIF2alpha/ATF4 signaling pathway triggers autophagy response to infection with Crohn's disease-associated adherent-invasive Escherichia coli
- Danish Patoli** (Université de Bourgogne, Dijon)  
Lipopolysaccharide-mediated inhibition of mitophagy triggers macrophage activation
- 18h30-19h50 **Poster session I**
- 20h00 Cocktail
- followed by dinner at your leisure (not included in registration)



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**Tuesday October 6th 2015**

09h00-09h55

**Session II: CANCER (Part I)**

Session Chairs: Guillaume Robert (C3M, Nice) & Jacques Camonis (Institut Curie, Paris)

**Béatrice Romagnolo** (Institut Cochin, Paris)

Intestinal inhibition of Atg7 prevents tumor initiation through a microbiome-influenced immune response and suppresses tumor growth

**Aurore Claude-Taupin** (Univ. Franche-Comté, Besancon)

ATG9A mRNA overexpression in breast cancers: a potential new diagnostic marker?

**Ahmed Hamai** (INEM, Paris)

Salinomycin kills breast cancer stem cells by sequestering iron in lysosomes

09h55-10h25

*Coffee break*

10h25-11h10

**Session II: CANCER (Part II)**

**Carine Joffre** (CRCT, Toulouse)

Contribution of autophagy to metabolic reprogramming of acute myeloid leukemia

**Quentin Heydt** (CRCT, Toulouse)

Role of autophagy in FLT3-ITD positive Acute Myeloid Leukemia

**Frederic Luciano** (C3M, Nice)

The small heat shock protein B8 (HSPB8) confers resistance to Bortezomib by promoting autophagic removal of misfolded proteins in multiple myeloma cells

11h10-11h40

**Session III: TOOLS & METHODS**

Session Chairs: Isabelle Vergne (IPBS, Toulouse) & Olivia Lenoir (PARCC-HEGP, Paris)

**Christophe Viret** (CIRI, Lyon)

Analysis of Autophagy by ImageStreamX

**Yann Ciczora** (CIIL, Lille)

Coupling AFM and fluorescence microscopy to better understand the bacterial infection mechanism

11h50-12h50

Lunch

12h50-14h10

**Poster session II**

14h10-15h

Free time



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15h-15h45

**Keynote Session 2 (Spons. SBCF)**

Session Chair: F. Lafont (CIIL, Lille)

**Felix Randow** (Cambridge Univ. UK)

How cells deploy autophagy to defend their cytosol against bacterial invasion

15h45-16h25

**Session IV : INFECTION & IMMUNITY (Part I)**

Session Chairs: Hang Thi Thu Nguyen (M2iSH, Clermont-Ferrand) & Pierre Lapaquette (PAM, Dijon)

**Lucile Espert** (CPBS, Montpellier)

Autophagy Restricts HIV-1 Infection by Selectively Degrading Tat in CD4 T Lymphocytes

**Aïcha Bah** (IPBS, Toulouse)

Deciphering mycobacteria-induced autophagy in macrophages

16h25-16h55

*Coffee break*

16h55-18h15

**Session IV : INFECTION & IMMUNITY (Part II)**

**Denitsa Petkova** (CIRI, Lyon)

Contribution of Distinct Autophagy Receptors in Measles Virus Replication

**Fengjuan Wang** (IBMC, Strasbourg)

Chaperone-mediated autophagy in Lupus

**Audrey Esclatine** (Univ. Paris Sud, Châtenay-Malabry)

Cytomegalovirus blocks the autophagic flux via two viral proteins and benefits from the autophagic pathway

**Frédéric Gros** (USIAI, Strasbourg)

Autophagy is dispensable for B cell development but essential for humoral autoimmune responses

18h15-19h30

Annual general meeting CFATG

20h00

Gala dinner

**Wednesday October 7th 2015**

09h00-10h35

**Session V: PATHOPHYSIOLOGY**

Session Chairs : Germain Trugnan (UPMC, Paris) & Valérie Pierrefite-Carle (Univ. Sophia Antipolis, Nice)

**Lydie Combaret** (UNH, Clermont-Ferrand)

The delayed recovery of the remobilized rat tibialis anterior muscle correlates with increased mitochondria fission and repressed autophagy



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**Nicolas Dupont** (INEM, Paris)

Primary cilium-dependent autophagy regulates kidney epithelial cell size

**Marion Bouvet** (Institut Pasteur, Lille)

Chaperone-mediated autophagy implication in phosphorylated desmin clearance during heart failure

**Ammar Kurdi** (Univ. Antwerp, Wilrijk)

Continuous, long-term administration of the mTor inhibitor everolimus induces drug tolerance and decreases autophagy flux in mice

**Brasse-lagnet** (LNV, Rouen)

Impairment of the autophagic process on brain cortical microvessels after perinatal ethanol exposition

10h35-11h05

*Coffee break*

11h05-11h50:

**Keynote Session 2 (Spons. CNRS)**

Session Chair: P. Codogno (INEM, Paris )

**Marie-Isabel Colombo** (Cuyo Univ. Argentina)

The game of intracellular pathogen survival: modulating autophagy

11h50-12h00

**Awards (spons. J Cell Science)**

Best "short talk"

Best "poster"

12h00

Departure