

Monday, October 15, 2018

11:00 - 14:00 Participants arrival and registration

12:00 - 14:00 Lunch

14:00 - 14:10 Welcome message

14:10 - 15:40 Session 1: Mechanisms

- 14:10 - 14:40 **MECHANISMS OF SUBSTRATE RECOGNITION BY UBIQUITIN AND UBL E3 LIGASES**
Ron Hay (University of Dundee, Dundee, UK)
- 14:40 - 15:00 **UNDERSTANDING THE MECHANISM OF PROCOLLAGEN PROTEOLYTIC MATURATION BY BMP-1/TOLLOID-LIKE PROTEINASES : STRUCTURAL BASIS OF PCPE-1-DEPENDENT ENHANCEMENT**
Catherine Moali (Tissue Biology and Therapeutic Engineering Laboratory, Lyon, France)
- 15:00 - 15:20 **ANTAGONISTIC REGULATION OF NFATC3 AND NFATC4 STABILITY BY THE E3 UBIQUITIN-LIGASES TRIM39 AND TRIM17**
Meenakshi Basu (IGMM, Montpellier, France)
- 15:20 - 15:40 **AFFINITY PURIFICATION MASS SPECTROMETRY AND LABEL-FREE QUANTITATIVE PROTEIN CORRELATION PROFILING DATA ANALYSIS HIGHLIGHT A NOVEL INTERACTION BETWEEN FAM192A AND PA28 γ , A REGULATOR OF PROTEASOME COMPLEXES**
Marie-Pierre Bousquet (IPBS, Toulouse, France)

15:40 - 15:45 Company short communication 1

15:45 - 16:15 Coffee break

16:15 - 18:05 Session 2: Regulation

- 16:15 - 16:45 **PML NUCLEAR BODIES, FROM STRESS TO SUMOYLATION CONTROL**
Valérie Lallemand-Breitenbach (Univ. Paris Diderot, Collège de France, Paris, France)
- 16:45 - 17:05 **SUMO-DEPENDENT PROTEOLYSIS IN SPINDLE DISASSEMBLY**
Dimitris Liakopoulos (CRBM, Montpellier, France)
- 17:05 - 17:25 **CHARACTERIZATION OF THE PHYSIOLOGICAL AND PATHOLOGICAL ROLE OF PA200-PROTEASOMES IN HUNTINGTON'S DISEASE CELL MODELS**
Krisztina Tar (Faculty of Medicine, University of Debrecen, Hungary)
- 17:25 - 17:45 **SUMO-MEDIATED REGULATION OF THE BRAIN: CHARACTERIZATION OF A SYNAPTIC SUMOYLOME**
Carole Gwizdek (IPMC, Sophia Antipolis, Valbonne, France)
- 17:45 - 18:05 **THE ROLE OF NEDDYLIATION IN THE CONTROL OF THE UBIQUITIN PROTEASOME SYSTEM DURING PROTEOTOXIC STRESS**
Dimitris P. Xirodimas (CRBM, Montpellier, France)

18:15 - 19:00 Speed posters

20:00 - 21:00 Dinner

Tuesday, October 16, 2018

09:00 - 10:30 Session 3: Proteolysis in health and diseases (1)

- 9:00 - 9:30 **REGULATION OF PROTEOLYSIS BY CYTOSOLIC SERPINS IN CELL DEATH PATHWAYS**
Charaf Benarafa (Institute of Virology and Immunology, University of Bern, Switzerland)
- 9:30 - 9:50 **A LUCIFERASE-FRAGMENT COMPLEMENTATION ASSAY TO QUANTIFY PROTEIN UBIQUITYLATION**
Gwenaël Rabut (IGDR, Rennes, France)
- 9:50 - 10:10 **A MUSCLE-SPECIFIC MURF1-E2 NETWORK REQUIRES STABILIZATION OF MURF1-E2 COMPLEXES BY TELETHONIN, A NEWLY IDENTIFIED SUBSTRATE**
Cécile Polge (INRA, Clermont-Ferrand, France)
- 10:10 - 10:30 **SUBSTRATE-DERIVED TRIAZOLO- AND AZAPEPTIDES: NEW GENERATION OF COMPELLING INHIBITORS OF CYSTEINE CATHEPSINS**
Gilles Lalmanach (Tours University, Tours, France)

10:30 - 11:00 Coffee break

11:00 - 12:30 Session 4: Proteolysis in health and diseases (2)

- 11:00 - 11:30 **VIRAL DEUBIQUITINASES (DUBS) : NEW PLAYERS IN THE REGULATION OF VIRAL INFECTIONS ?**
Isabelle Jupin (Institut J. Monod, Paris, France)

- 11:30 - 11:50 **RanBP2 REGULATES THE ANTIRETROVIRAL ACTIVITY OF TRIM5 α BY SUMOYLATION AT A PREDICTED PHOSPHORYLATED SUMOYLATION MOTIF**
Ghizlane Maarifi (IRIM, Montpellier, France)
- 11:50 - 12:10 **PARKIN-DEPENDENT PATHWAY IS DIFFERENTIALLY REGULATED IN IMMOBILIZED RAT**
Lydie Combaret (INRA, Clermont-Ferrand, France)
- 12:10 - 12:30 **LON PROTEASE DEFICIENCY RESULTS IN OXIDATIVE STRESS, ALTERATION OF ENERGY METABOLISM AND MITOCHONDRIAL DYSFUNCTION**
Marie-Paule Hamon (Institut de Biologie Paris-Seine, Paris, France)

12:30 - 14:30 Lunch

14:30 - 15:30 Posters

15:30 - 16:00 Coffee break

16:00 - 16:05 Company short communication 2

16:05 - 17:55 Session 5: Cancer

- 16:05 - 16:35 **CATHEPSIN D IN NEURONAL HOMEOSTASIS AND CANCER PROGRESSION - TWO SIDES OF THE SAME COIN?**
Thomas Reinheckel (University of Freiburg, Germany)
- 16:35 - 16:55 **SPARC, A MULTIFACETED MATRIX PROTEIN IN BREAST CANCER**
Lindsay B. Alcaraz (IRCM, Montpellier, France)
- 16:55 - 17:15 **A NEW E3 UBIQUITIN LIGASE REGULATES THE IMMUNE RESPONSE IN COLON CANCER**
Pierre Lutz (IPBS, Toulouse, France)
- 17:15 - 17:35 **THE DEUBIQUITYNATING ENZYME USP7 STABILIZES CHK1 AND COULD REPRESENT A NEW THERAPEUTIC TARGET IN ACUTE MYELOID LEUKEMIA.**
Maëlle Cartel (IRCT, Toulouse, France)
- 17:35 - 17h55 **NOVEL SUBSTRATES OF THE DEUBIQUITINASE USP13 LINKED TO CANCER PROGRESSION**
Gustavo J. Gutierrez (VUB, Brussels, Belgium)

18:00 - 19:00 Keynote lecture

THE ROLE OF INTRACELLULAR PROTEASES IN THE PRODUCTION OF ANTIGENS RECOGNIZED BY T LYMPHOCYTES
Benoit Van den Eynde (Ludwig Institute for Cancer Research, Brussels, Belgium)

20:00 - ... Dinner + Party

Wednesday, October 17, 2018

09:00 - 10:30 Session 6: Beyond proteolysis

- 9:00 - 9:30 **POST-TRANSLATIONAL CONTROL OF ARGONAUTE PROTEINS**
Pascal Genschik (IBMP, Strasbourg, France)
- 9:30 - 9:50 **CONSEQUENCES OF CATHEPSIN C INACTIVATION FOR MEMBRANE EXPOSURE OF PROTEINASE 3, THE TARGET ANTIGEN IN AUTOIMMUNE VASCULITIS**
Seda Seren (Tours University, Tours, France)
- 9:50 - 10:10 **TUMORS ESCAPE IMMUNOSURVEILLANCE BY OVEREXPRESSING PA28 γ**
Sébastien Apcher (IGR, Villejuif, France)
- 10:10 - 10:30 **THE SUMO PATHWAY CONTROLS ACUTE MYELOID LEUKEMIAS RESPONSE TO THERAPIES THROUGH THE REGULATION OF GENE EXPRESSION**
Guillaume Bossis (IGMM, Montpellier, France)

10:30 - 11:00 Coffee break

11:00 - 12:30 Session 7: Proteostasis

- 11:00 - 11:30 **HOMOTYPIC FUSION BETWEEN MITOCHONDRIAL OUTER MEMBRANES AND ITS REGULATION BY THE UPS**
Mickael Cohen (LBMCE, Paris, France)
- 11:30 - 11:50 **REGULATION OF THE DUB-LIKE CYSTEINE PROTEASE ATG4B IN CELLS**
Robin Ketteler (MRC, London, UK)
- 11:50 - 12:10 **PROTEASOME 19S RP AND TRANSLATION PREINITIATION COMPLEXES ARE SECRETED WITHIN EXOSOMES UPON SERUM STARVATION**
Michel Vidal (DIMNP, Montpellier, France)
- 12:10 - 12:30 **ROLE OF PROTEOPHAGY IN THE RESISTANCE TO BORTEZOMIB IN MANTLE CELL LYMPHOMA CELLS**
Manuel S. Rodriguez (ITAV, Toulouse, France)

12:30 - Lunch - Departure