

Endoplasmic Reticulum functions in physiology and pathology

Cordeliers Research Centre, Paris, France - October 2-3, 2017

Program : October 2nd, 2017

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| <p>✚ 9 :30 AM – 10 :00 AM</p> | <p>Meeting opening/registration
Welcome address by Pascal Ferré, director of Cordeliers Research Centre</p> |
| <p>✚ 10:00 AM – 11 :00 AM</p> | <p>Keynote lecture : Peter Walter, USCF, USA, The unfolded protein response and beyond</p> |
| <p>✚ 11 :00 AM – 11 :15 AM</p> | <p>Coffee break</p> |
| <p>✚ 11 :15 AM -12 :30 AM</p> | <p>Session 1 : ER folding and QC (<i>Chair : Eric Chevet</i>)</p> |
| <ul style="list-style-type: none"> • 11 :15 – 11 :45 AM • 11 :45 – 12 :15 AM • 12 :15 – 12 :30 AM | <p>Stephen High, Manchester, UK, Dealing with failure: what happens when membrane proteins get lost?
Maurizio Molinari, EPFL, Suisse, Clearance of protein aggregates from the endoplasmic reticulum
Caroline Demangel, Inst. Pasteur, Paris, Mycolactone prevents immune cell signaling and communication, by targeting the Sec61 translocon</p> |
| <p>✚ 12 :30 AM – 1 :30 PM</p> | <p>Lunch break</p> |
| <p>✚ 1 :30 PM - 3 :00 AM</p> | <p>Session 2 : Secretory Pathway (<i>Chair : Fabienne Foufelle</i>)</p> |
| <ul style="list-style-type: none"> • 1 :30 – 2 :00 PM • 2 :00 – 2 :30 PM • 2 :30 – 2 :45 PM • 2 :45 – 3 :00 PM | <p>Vivek Malhotra, CRG, USA, From TANGO1 to a potential cure for fibrosis: the collagen connection
Stefan Marciniak, CIMR, UK, Measuring ER viscosity: relevance to alpha 1-antitrypsin deficiency
Delphine Fessart, Université V Segalen, Bordeaux, France, AGR2, an endoplasmic reticulum protein, in cancer: multifaceted functions and potential clinical implications
sponsored by the International Center for Cancer Vaccine Science (ICCVS)
Catherine Jackson, IJM, Paris, Regulation of ER-Golgi transport and beyond: the multiple roles of GBF1</p> |
| <p>✚ 3 :00 PM - 4 :15 PM</p> | <p>Session 3 : Interorganelle communication (<i>Chair : Laurent Combettes</i>)</p> |
| <ul style="list-style-type: none"> • 3 :00 – 3 :30 PM • 3 :30 – 4 :00 PM • 4 :00 – 4 :15 PM | <p>Thierry Galli, CPN, Paris, Role of non-fusogenic SNAREs at ER-plasma membrane contact sites in neurite outgrowth
Jennifer Rieusset, Université Lyon, France, Metabolic signaling functions of endoplasmic reticulum-mitochondria contact sites: role in metabolic diseases
Benjamin Delprat, INM, Montpellier, France, ER-Mitochondria crosstalk is regulated by NCS1 and is impaired in Wolfram syndrome
sponsored by the Wolfran syndrome association</p> |

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✚ 4 :15 PM – 6 :00 PM

Speed dating session

October 3rd 2017

✚ 9:00 AM – 10 :00 AM

Keynote lecture : **Kazutoshi Mori**, Kyoto University, Japan,
The unfolded protein response : to mammals and beyond

✚ 10 :00 AM -11 :45 AM

Session 4 : Disease 1 (*Chairs : Eric Ogier Denis & Eric Chevet*)

• 10 :00 – 10 :30 AM

Claudio Hetz, University of Chile, Santiago,
Proteostasis imbalance and neurodegenerative diseases

• 10 :30 – 11 :00 AM

Fabienne Foufelle, CRC, Paris, Endoplasmic reticulum
proteostasis in Non Alcoholic Fatty Liver diseases

✚ 11 :00 AM – 11 :15 PM

Coffee break

• 11 :15 -11 :30 AM

Béatrice Bailly-Maitre, Nice, France, Targeting IRE1 α protects
from Non Alcoholic Steatohepatitis in BI-1 deficient mice
sponsored by the American Journal of Physiology

• 11 :30 – 11 :45 AM

Morgan Gallazzini, INEM, Paris, Lipocalin 2 mediates
Endoplasmic reticulum stress deleterious effect in proteinuric
nephropathies

✚ 11 :45 AM - 12 :45 AM

Session 5 : Disease 2

• 11 :45 – 12 :15 AM

Serge Manié, CRCL, Lyon, France, Sustained Hexosamine
pathway upon low glucose maintains EGFR signaling in lung
tumors

• 12 :15 – 12 :45 AM

Afshin Samali, NIU Galway, Ireland, IRE1-XBP1 as a
therapeutic target in breast cancer

✚ 12 :45 AM – 2 :30 PM

Lunch break

✚ 2 :30 PM – 3 :30 PM

Discussion about the creation of an international organization
focusing on ER biology
