

3rd MetNet International Annual Meeting 2017
10th May 2017

CELLULAR ORGANELLE DYSFUNCTION AT THE ORIGIN OF METABOLIC DISEASES

9:00-9:05 Welcome

SESSION 1. MITOCHONDRIAL DYSFUNCTION IN THE ETIOLOGY OF METABOLIC DISEASES

Chair: Josep A. Villena, Vall d'Hebron Research Institute.

9:05-9:35

Kirsi Pietiläinen. University of Helsinki, Finland.
Mitochondrial down-regulation in obese adipose tissue – lessons from twins and intervention studies.

9:35-10:05

Marcus Buschbeck. Josep Carreras Leukaemia Research Center, Barcelona, Spain.
An example of metabolic communication between nucleus and mitochondria.

10:05-10:35

Tobias Fromme. Technical University of Munich, Germany.
Mitochondria adaptations to obesity do not precede reduced glucose tolerance.

10:35-11:10

Short talks from selected abstracts

Iñigo Chivite. Institut d'Investigacions Biomèdiques August Pi i Sunyer, Barcelona.
Endothelial loss of Mitofusin 2 cause metabolic disturbances.

Joan de la Torre. Institut d'Investigacions Biomèdiques August Pi i Sunyer, Barcelona.
Mitochondrial phenotyping in a fibroblast model of Idiopathic Parkinson Disease under pre-diabetogenic conditions.

Miriam Ejarque. Institut d'Investigació Sanitària Pere Virgili, Tarragona, Spain
Obesity-driven methylation signature of hASCs determines mitochondrial phenotype in adipose tissue.

11:10-11:45

COFFEE BREAK

SESSION 2.

ENDOPLASMIC RETICULUM STRESS AND METABOLIC DISEASES

Chair: Josep C. Jimenez-Chillarón, Sant Joan de Déu Foundation.

11:45-12:15

Benoit Gautier. Andalusian Center for Molecular Biology and Regenerative Medicine, Sevilla, Spain.
Pax4, a safeguard of islet beta cell ER integrity and survival under metabolic stress.

12:15-12:45

Miguel López. University of Santiago de Compostela, Spain.
Hypothalamic ER stress and energy balance.

12:45-13:15

***Sophie Loterstajn.** Université Paris Diderot, France.
Autophagy and liver disease.

13:15-13:35

Short talks from selected abstracts

Cristina Miralpeix. Universitat Internacional de Catalunya, Sant Cugat, Spain.
Hypothalamic CPT1C and ABHD6 interaction as a novel mechanism to regulate energy expenditure

13:35-15:30

LUNCH

Lunch will be held at the restaurant "Rita Blue" Plaça de Sant Agustí, 3 (see map).

SESSION 3.

AUTOPHAGY IN METABOLISM

Chair: David Sánchez-Infantes, Germans Trias I Pujol Research Institute.

15:30-16:00

***Raúl Méndez.** Institute for Research in Biomedicine, Barcelona, Spain.
Translational control of ER stress and hepatic lipid metabolism.

16:00-16:30

Francesc Villarroya. University of Barcelona, Spain.
Autophagy in brown adipose tissue.

16:30-17:00

David Sebastián. Institute for Research in Biomedicine, Barcelona, Spain.
"Mitochondria sana in corpore sano": Mitofusin 2 is crucial for healthy aging by preserving mitochondrial fitness.

17:30-17:50 Short talks from selected abstracts

Anna Planavila. Institut de Biomedicina de la Universitat de Barcelona (IBUB).
Involvement of the Fgf21 system in the autophagic control of cardiac steatosis in obesity-associated cardiomyopathy.

17:50-18:00 **CLOSING ACT**

MetNet Organizing Committee:

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THANKS TO:



Restaurant Rita Blue Location

