

MetNet annual Meeting

Adipose tissue metabolism in obesity

Barcelona, May 27th 2016

PROGRAM

9.00 - 9.10

WELCOME

Pablo M Garcia-Roves, Facultat de Medicina, UB-IDIBELL
Laura Herrero, Facultat de Farmàcia, CIBEROBN, IBUB

SESSION 1

ADIPOSE TISSUE BIOLOGY

Chair: **Laura Herrero**, Facultat de Farmàcia, CIBEROBN, IBUB

9.10 - 9.30

Marta Giralt, Facultat de Biologia, CIBEROBN, IBUB

"Adipose tissue biology: new insights from the study of adipose-related diseases"

9.35 - 9.55

David Sánchez-Infantes, Hospital German Trias i Pujol, Barcelona

"Oncostatin M impairs BAT thermogenic function and the browning of subcutaneous WAT"

10.00 - 10.20

Hagit Shapiro, Weizmann Institute of Science, Rehovot, Israel

"Adipose tissues macrophages in response to obesity and insulin resistance"

10.25 - 10.45

Short presentations by MetNet young scientists

10.45 - 11.15

COFFEE BREAK

SESSION 2

SYSTEMS BIOLOGY

Chair: **Pablo García-Rovés**, Facultat de Medicina, UB-IDIBELL

11.15 - 11.40

PLENARY CONFERENCE 1

Roger Guimera, Universitat Rovira i Virgili, Tarragona

"Systems biology to assess complex metabolic networks"

11.45 - 12.10

Adil Mardinoglu, KTH Royal Institute of Technology, Stockholm, Sweden

"The use of metabolic models in revealing the molecular mechanism of liver associated disorders"

12.15 - 13.00

Uwe Sauer, Institute for Molecular Systems Biology, ETH Zurich, Switzerland

"Real-time metabolome profiling of the metabolic switch between starvation and growth"

13.00 - 13.15

Short presentations by MetNet young scientists

13.15 - 15.00

LUNCH

SESSION 3

PATHOPHYSIOLOGY OF INSULIN RESISTANCE

Chair: **Pep Villena**, Hospital Universitari Vall d'Hebron

15.00 - 15.45

PLENARY CONFERENCE 2

Jan Eriksson, Dpt. of Medical sciences, Uppsala University, Sweden

"Adipose tissue mechanisms in human insulin resistance and T2D - translational studies"

15.50 - 16.10

Brice Emanuelli, University of Copenhagen, Denmark

"Novel elements of insulin signalling in adipose tissues"

16.15 - 16.35

Ángela M. Valverde, Instituto de Investigaciones Biomédicas Alberto Sols (CSIC-UAM), CIBERDEM, Madrid

"A novel GLP-1/Glucagon receptor dual agonist improves non-alcoholic steatohepatitis and liver regeneration in mice"

16.40 - 17.00

Short presentations by MetNet young scientists

Meeting location

Sala Prat de la Riba, IEC
C/ del Carme, 47, Barcelona

Registration

<http://scb.iec.cat/>

Meeting organizers

Pablo García-Rovés / Laura Herrero