



Nuclear Receptors and Metabolism. The MetNet-NuRCaMeIn-French Liaison

1st Spanish-French Nuclear Receptors Joint Meeting

9th Annual MetNet International Meeting

Barcelona, October 10-11, 2023

Tuesday October 10th

Session 1

9:00-9:25

Registration

9:30-9:40

Welcome

9:45-10:30

Eduardo Chini, Mayo Clinic, Rochester, USA. Keynote speaker

Evolving concepts in NAD⁺ metabolism: Role in life, death and everything in between

10:30-11:00

Carlos Sebastián, Universitat de Barcelona, Barcelona, Spain.

Cancer metabolism in space and time: metabolic heterogeneity and evolution of tumors

11:00-11:20

Talk selected from submitted abstracts

11:20-12:00

Coffee & refreshments

Session 2

12:00-12:30

Eckardt Treuter, Karolinska Institutet, Huddinge, Sweden

Epigenetic control of metabolism and inflammation by the NR corepressor complex

12:30-13:00

Rosa Gasa, IDIBAPS, Barcelona, Spain

Generation of human insulin-producing cells in the laboratory

13:00-13:30

Coralie Fontaine, I2MC, Toulouse, France

Revisiting ER α activation in vascular injury and repair: Implication for menopause hormonal treatment

13:30-13:50

Short Talk selected from submitted abstracts

13:50-15:25

Finger food lunch + Poster session 1

Session 3

15:30-16:00

Maria del Mar Vivanco, CIC-Biogune, Bilbao, Spain

Breast cancer heterogeneity and therapy evasion

16:00-16:30

Andrés Méndez-Lucas, Universitat de Barcelona, Barcelona, Spain

In vivo stable-isotope metabolomics to uncover metabolic adaptations that support malignancy

16:30-16:50

Núria Amigó, Biosfer-Teslab, Reus, Spain. Technological platform.

NMR metabolomics: present and future for clinical diagnosis of cardiovascular diseases

16:50-17:20

William Bourguet, CBS-CNRS, Montpellier, France

Structure of the dioxin receptor (AHR) revealed by cryo-electron microscopy

17:20-17:40

Talk selected from submitted abstracts

17:40-18:00

Talk selected from submitted abstracts

18:00-18:20

Talk selected from submitted abstracts



Wednesday October 11th

Session 4

- 9:00-9:30 **Saskia van Mil**, UMC, Utrecht, Netherlands
FXR isoforms matter
- 9:30-10:00 **Karine Gauthier**, ENS, Lyon, France
Thyroid hormone and thermogenesis: a dialogue between the neurons and the brown adipocytes
- 10:00-10:30 **Inés Pineda-Torra**, Cabimer, Sevilla, Spain
Regulation of lipid metabolism by LXR: beyond the usual suspects
- 10.30-11.00 **Josep Villena**, VHIR, Barcelona, Spain
Pathogenic actions of estrogen-related receptors in cardiac function
- 11:00-12:00 Coffee & refreshments + Poster session 2

Session 5

- 12:00-12:30 **Muriel Le Romancer**, CRCL, Lyon, France
Role of arginine methyltransferase PRMT5 as a marker of sensitivity to tamoxifen in ER α + breast cancers
- 12:30-13:00 **Pedro M. Fernández Salguero**, Universidad de Extremadura, Badajoz, Spain
AHR in senescence and stemness: Roles in tissue regeneration and tumor progression
- 13:00-13:30 **Paloma Pérez**, IBV-CSIC, Valencia, Spain
Skin glucocorticoid signaling impacts the whole-body metabolism
- 13:30-13:50 Short Talk selected from submitted abstracts

Session 6

- 15:10-15:40 **Diego Álvarez de la Rosa**, Universidad de La Laguna, La Laguna, Spain
Interplay between corticosteroid receptors
- 15:40-16:00 **Eugènia Ruiz**, GATTx, Barcelona, Spain.
A novel therapeutic for the treatment of fibrotic diseases
- 16:00-16:20 Talk selected from submitted abstracts
- 16:20-16:40 Talk selected from submitted abstracts
- 16:40-17:00 Talk selected from submitted abstracts
- 17:00-17:45 **Mercedes Ricote**, CNIC, Madrid, Spain. Keynote speaker
Mother's milk drives maturation of heart metabolism
- 17:45-18:00 Concluding remarks and farewell

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