



11th Annual International MetNet Meeting

Emerging Trends in Translational Metabolic Research

Institut d'Estudis Catalans (IEC) | Carrer del Carme, 47, 08001, Barcelona

DAY 1 | 20th November 2025

8:15-9:00 **Registration**

9:00-9:15 **Welcome**

Session 1 | Translational research in metabolism: Toward new therapies | Chair: Glòria Garrabou

9:15 - 9:45 **Sandra Bacman**, University of Miami, USA.

Mitochondrial Editing as a Therapy for Metabolic Disease.

9:45- 10:15 **Marta Massip/Júlia Rius**, Universitat Oberta de Catalunya, Barcelona, Spain.

Dietary Interventions for Metabolic Health and Ageing During Post-menopause.

10:15-10:30 **Short talk selected from Abstracts.**

Session 2 | Cancer metabolism | Chair: Andrés Méndez

10:30-11:00 **Eva González**, CNIO, Madrid, Spain.

Rank-Dependent Metabolic Reprogramming in Postmenopausal Breast Cancer.

11:00-11:30 **Alejo Efeyan**, CNIO, Madrid, Spain.

Nutrient Signaling in Macrophages Shapes An Inflammatory microenvironment in Pancreas Cancer.

11:30 -12:15 **Coffee & refreshments + Workshops + Sponsor stands**

Session 3 | New tools in metabolic research – A word from our industry sponsors | Chair: Andrés Méndez

12:15-12:45 **Mike Lu**, Lucid Scientific, Atlanta, USA.

Resipher for Real-Time, Long-Term Metabolic Analysis.

12:45-13:15 **Idoia Álvarez**, MolDrug, València, Spain.

Computational Tools to Study Metabolic Impact of Drugs: QSAR, Molecular Modelling and Omics.

13:15-13:45 **Alfredo Caro-Maldonado**, Agilent Technologies, Bilbao, Spain.

Take Your Cell Analysis to the Next Level: From 2D to 3D.

13:45-15:00 **Poster Sessions 1 and 2 + Finger food lunch at Poster Hall + Workshops + Sponsor stands**

Session 4 | Mitochondria-driven dialogs in metabolism | Chair: Rubén Cereijo

15:00-15:30 **Marc Claret**, IDIBAPS, Spain.

Mitochondrial Functions in the Brain Circuits Regulating Appetite.

15:30-16:00 **Maribel Hernández**, University of Barcelona, Spain.

Hepatic Metabolism: Mitochondrial Dynamics and the Liver–Uterus Axis.

16:00-17:00 **Short Talks Selected from Abstracts.**

17:00-18:45 **Poster Sessions 3 and 4 + Refreshments at Poster Hall + Workshops + Sponsor stands**

DAY 2 | 21st November 2025

Session 5 | Pediatric metabolism | Chair: Andrés Méndez

- 9:15-9:45 **Rafael Artuch**, Hospital Sant Joan de Déu, Barcelona, Spain
Targeted Metabolomic Analysis for Diagnosis and Research of Rare Metabolic and Genetic Diseases.
- 9:45-10:15 **Laura Herrero**, Universitat de Barcelona and CIBEROBN, Spain.
Adipose Tissue in Childhood Obesity.
- 10:15-10:45 **Short Talks Selected from Abstracts**
- 10:45-11:45 **Coffee & refreshments + Workshops + Sponsor stands**

Session 6 | Neuropsychiatry and metabolism | Chair: Glòria Garrabou

- 11:45-12:15 **Ana Andreazza**, University of Toronto, Canada.
Neuronal Metabolic Alterations Leading to Mental Health Disorders.
- 12:15-12:45 **Lourdes Martorell**, IISPV, Tarragona, Spain.
Mitochondrial DNA Alterations in Schizophrenia and Autism Spectrum Disorders.
- 12:45-13:30 **Short Talks selected from Abstracts**
- 13:30-15:00 **Poster Sessions 4, 5 and 6 + Finger food lunch at Poster Hall + Workshops + Sponsor stands**

Session 7: Metabolic interorgan crosstalk | Chair: Rubén Cereijo

- 15:00-15:30 **Anna Hernández**, Hospital Germans Trias i Pujol, Badalona, Spain
Interplay Between Alcohol, Steatotic Liver Disease and Systemic Metabolic Dysfunction.
- 15:30-16:00 **David Sánchez-Infantes**, Universidad Rey Juan Carlos and CIBEROBN, Madrid, Spain.
Claudin-1: A Novel Target for Energy Homeostasis Regulation.
- 16:00-17:00 **Short Talks Selected from Abstracts.**
- 17:00-17:30 **Concluding remarks and farewell**

Organizing Committee: Glòria Garrabou (IDIBAPS-UB-CIBERER), Andrés Méndez (IDIBELL-UB), Rubén Cereijo (UB-IBUB-CIBEROBN)

Secretariat: Mariàngels Gallego and Paqui Lorite, SCB-IEC, Barcelona (Spain), scb@iec.cat

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