



EGIR Study Group Virtual Meeting
***“Energy metabolism and metabolic diseases:
role of different players”***

7-9 November 2022 5.00-7:00 PM (Rome)

Day 1 Monday November 7

Energy metabolism and metabolic diseases: role of different players

- 5:00 Energy metabolism in white adipocytes-links to insulin resistance, **Mikael Ryden**, Stockholm, Sweden
- 5:30 Energy metabolism in the muscle, **Tatiana Moro**, Padova, Italy
- 6:00 Energy metabolism regulation through the brain, **Vincent Prevot**, Lille, France
- 6:30 Panel discussion



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Day 2 Tuesday November 8 Abstract day

Organ metabolism: focus on brain, liver and adipose tissue

- 05:00** Type 2 diabetes risk gene Dusp8 regulates hypothalamic Jnk signaling and insulin sensitivity, **Sonja Schriver et al**
- 05:10** Brain histone beta-hydroxy-butyrylation couples metabolism with gene expression, **Sara Cornuti et al**
- 05:20** Mildly Elevated Liver Fat Content Is Characterised by Central Insulin Resistance – Evidence from a Positron Emission Tomography Study, **Mikka Honka et al**
- 05:30** Multi-organ chip platform: White adipose tissue-Liver crosstalk to study insulin resistance, **Madalena Cipriano et al**
- 05:40** High liver fibrosis score in MAFLD patients are associated with adverse atrial remodeling and related clinical outcomes, **Raphael Decoin et al**
- 05:50** NASH-associated cardiomyopathy is associated with pro-inflammatory macrophages infiltration, **Raphael Decoin et al**
- 06:00** **Break**



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Organ metabolism: focus on muscle, heart and pancreas

- 06:10** Exposure to obesity-induced gestational diabetes causes offspring cardiac adaptations that prevail until adulthood, **Susana Pereira et al**
- 06:20** Abrogation of circular dorsal ruffles by hyperinsulinemia impairs insulin receptor internalization and recycling, **A. Teshima et al**
- 06:30** Metformin and residual C-peptide secretion in adults with type 1 diabetes, **Joseph Timmons et al**
- 06:40** ¹³C glucose breath test analysis as a surrogate index of insulin resistance in people with type 1 diabetes: a comparison with the euglycemic hyperinsulinemic clamp, **Jonathan Mertens et al**
- 06:50** Responses to lifestyle intervention (DEXLIFE) in individuals at high risk of Type 2 Diabetes are associated to inter-individual variability in glucose metabolism, **Silvia Sabatini et al**
- 07:00** Lipid-induced glucose intolerance is driven by impaired glucose kinetics and insulin metabolism in healthy individuals, **Domenico Trico et al**

7:10 End of presentations



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Day 3 Wednesday November 9

Energy metabolism and metabolic diseases: is the Brain a primary actor?

- 5:00 Leptin - a CNS regulator of hepatic lipid metabolism, **Thomas Scherer**, Vienna, Austria
- 5:30 Brain-body communication: exploring the effects of metabolic challenges on brain function and plasticity, **Paola Tognini**, Pisa, Italy
- 6:00 The brain and the liver in control of peripheral metabolism, **Sandra Pereira**, Toronto, Canada
- 6:30 Panel discussion

Announcement of abstract prize winner





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Meeting organising committee

Amalia Gastaldelli (Italy)

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Meeting Secretariat

Lucrecia Mota (Office support)

Yannick Carbonnaud (Graphic Designer)

Christophe Montois (website)

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