

Symposium 6 | *Membrane transporters and channels: translating basic research to drug discovery and preclinical development*

Organizer: Giuseppe Calamita (Bari, Italy)

Day: Thursday June 9

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08.30-10.30 Session 1: Invited lectures (chairs: Giuseppe Calamita & Graça Soveral)

Funny channel block by ivabradine: molecular views of cardiac therapies 56ASM-0050
Dario DiFrancesco (Milan, Italy) 56ASM-0050

From mutations to drugs in ion channelopathies: precision medicine in non-dystrophic myotonia 56ASM-0120 Jean-François Desaphy (Bari, Italy) 56ASM-0120

Aquaporins as emergent drug targets for obesity and cancer 56ASM-0174
Graça Soveral (Lisbon, Portugal) 56ASM-0174

Adipose and hepatic aquaglyceroporins in energy metabolism: physio-pathology and translational relevance 56ASM- 0163
Giuseppe Calamita (Bari, Italy) 56ASM-0163

10.30-11.00 COFFEE

11.00-12.30 Session 2: Selected oral communications (chairs: Giuseppe Calamita & Graça Soveral)

Aquaporins and CFTR interaction: a possible channel for understanding male (in)fertility
João C. Ribeiro (Porto, Portugal) 56ASM-0044

Aquaporin-9 is involved in the systemic inflammation of LPS-induced endotoxic shock in mouse
Angela Tesse (Nantes, France) 56ASM-0124

Pathogenic role of gastric vascular barrier in H. pylori and autoimmune gastritis
G. Santacroce (Pavia, Italy) 56ASM-0036

Functional characterization of a Nav1.4 sodium channel mutation and a CIC-1 chloride channel mutation segregating together with myotonia in an Italian kindred
C. Campanale (Bari, Italy) 56ASM-0196

**56TH ANNUAL
SCIENTIFIC MEETING**
8-10 JUNE 2022
BARI, ITALY

Promoting Biomedical Research,
Equal Health and Environment in the
post-COVID Syndemic Era



Clinical and Functional Analysis of a De Novo Mutation in the K1.1 Potassium Channel in a Patient with Epilepsy, Developmental Delay and Ataxia

Giorgia Dinoi (Bari, Italy) 56ASM-0087

Calcium homeostasis and SOCE activity in impaired contractile function due to sarcopenia: effect of supplementation with BCAA-based formulation in aged mice

Elena Conte (Bari, Italy) 56ASM-0079

LKB1 as a new player in metabolic and epigenetic dysregulation in dystrophic myofibers.

Brigida Boccanegra (Bari, Italy) 56ASM-0084

12.30-14.00 LUNCH

14:00-16:00: Poster/Flash Presentations

16:00-16:30 COFFEE

16:30 – 18:00: Poster/Flash Presentations