



***Ionic channels and their implication in epilepsy and other neurological diseases:***  
*from basic research to clinical implications*

**12– 13 February 20242 – ROME Sapienza University Rome, p.le Aldo Moro 5**

**LOCATION:**

Institute of Physiology (building CU027) Eusebi Library at the first floor of the building CU027

**ORGANIZERS:**

Cifelli Pierangelo | D’Andrea Tiziano | Di Bonaventura Carlo | Fucile Sergio | Gaeta Alessandro | Giallonardo Annateresa | Limatola Cristina | Morano Alessandra | Palma Eleonora | Ruffolo Gabriele

**Sapienza University, Department of Physiology and Pharmacology**



**SAPIENZA**  
UNIVERSITÀ DI ROMA





## FINAL PROGRAMME

### DAY 1 – MONDAY, FEBRUARY 12<sup>TH</sup>

9:00-9:20	Registration
9:20-9:30	Welcome and introduction
9:30 – 10:10	<b><i>Heterozygous/homozygous gene mutations and associated clinical phenotypes</i></b> <b>Prof. Antonio Gambardella</b> University of Catanzaro
10:10 – 10:50	<b><i>Epilepsy and Brain Tumors: linking tumorigenesis and epileptogenesis</i></b> <b>Prof. Eleonora Aronica</b> Amsterdam University (AMC)
10:50 – 11:30	Coffee break
11:30 – 12:10	<b><i>Combinatorial gene therapy for focal epilepsies</i></b> <b>Prof. Michele Simonato</b> University of Ferrara
12:10 – 14:30	Light lunch
14:30 –15:00	<i>Future perspectives by emerging scientists:</i> <u>Role of innate immunity in glioma epileptiform activity</u> Dr. Stefano Garofalo
15:00 –15:30	<u>TSC as a model disease: what we have learnt about epilepsy</u> Dr. Alessandra Morano
20:00	Social dinner

### DAY 2 – TUESDAY, FEBRUARY 13<sup>TH</sup>

9:30 – 10:10	<b><i>Hyperexcitability, epileptogenesis and neurodegeneration</i></b> <b>Dr. Cinzia Costa</b> University of Perugia
10:10 – 10:50	<b><i>Neuroinflammation microenvironment sharpens seizure circuit</i></b> <b>Dr. Annamaria Vezzani</b> Mario Negri Institute Milano
10:50 – 11:30	Coffee break
11:30 – 12:10	<b><i>Epilepsy surgery and epileptogenic zone beyond the lesion</i></b> <b>Dr. Giancarlo Di Gennaro</b> IRCCS Neuromed Molise
12:10 – 14:30	Light lunch
14:30 – 15:00	<i>Future perspectives by emerging scientists:</i> <u>Mechanisms underlying neurodevelopmental epilepsies</u> Dr. Gabriele Ruffolo
15:00	<b><i>Conclusions and final remarks</i></b>



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