



International Kv7 Channels Symposium 2019

•

Kv7 INTERNATIONAL
Kv7 CHANNELS
SYMPOSIUM

•

Save the Date

12 - 14 September 2019

Naples · Italy

www.kv7channels2019naples.org

Join us!

Welcome to

Kv7 Channels Symposium 2019 in Naples

It is a great pleasure to announce the International Kv7 Channels Symposium, which will be held 12-14 September 2019 in Naples, Italy.

KCNQ-encoded Kv7 channels hold a special place in many people's hearts because they have so many facets. Firstly, they are major regulators of cellular function in the heart, brain, smooth muscle, skeletal muscle and epithelia and Kv7 dysfunction is implicated in many diseases including arrhythmia, epilepsy, deafness and hypertension. Secondly, Kv7 proteins have assembly and regulatory features that are unique among potassium channels. Finally, there is now a large arsenal of Kv7 modulators, which has provided insight into physiological roles. The identification of Kv7 channels in different smooth muscles means targeting Kv7 channels is now a potential therapeutic avenue for treatment of urinary inconti-

nence, erectile dysfunction, asthma, pre-term labour and constipation.

This symposium will give comprehensive insight into the myriad aspects of Kv7 research almost 25 years after the first KCNQ gene was identified. Contributions from leading academics and pharmaceutical company representatives will provide a programme that will stimulate all attendees irrespective of their interest in these fascinating and enigmatic channels.

Kv7 Channels Symposium 2019 will be hosted at the University of Naples Federico II in the beautiful surroundings of the bay of Naples, Italy.

General Information

Venue Via Partenope, Aula Magna,
University of Naples Federico II,
Naples, Italy

Topics

- Physiological function
- Role in diseases
- Assembly properties
- Regulatory mechanisms
- Auxiliary proteins
- Pharmacological aspects
- Therapeutic targeting
- Tools and models

Scientific Committee

Iain Greenwood
Institute of Molecular & Clinical Sciences, St George's,
University of London, UK (Symposium Chair)

Maurizio Tagliatela
Department of Neuroscience, University of Naples
Federico II, IT (Symposium Chair)

Mark S. Shapiro
Department of Cellular and Integrative Physiology, Uni-
versity of Texas Health Science Center, San Antonio, US

Geoffrey Abbott
Department of Physiology and Biophysics, UC Irvine, US

Nikita Gamper
Faculty of Biological Sciences, University of Leeds, UK

Hailin Zhang
Department of Pharmacology, The Key Laboratory of
Neural and Vascular Biology, Ministry of Education,
Hebei Medical University, Shijiazhuang, CHN

Information

Visit www.kv7channels2019naples.org or contact
the Kv7 Channels Symposium 2019 Secretariat,
CAP Partner at info@cap-partner.eu

Important dates

1 November 2018	Abstract submission and registration opens
22 April 2019	Abstract deadline
15 June 2019	Early registration

Local Organising Committee

Francesco Miceli
Department of Neuroscience, University of Naples
Federico II, IT

Maria Virginia Soldovieri
Department of Health Sciences, University of Molise,
Campobasso, IT

Vincenzo Barrese
Institute of Molecular & Clinical Sciences, St George's,
University of London, UK

Thomas Jepps
Department of Biomedical Sciences,
University of Copenhagen, DK

