



International Kv7 Channels Symposium 2023



Save the Date

13 - 15 September 2023

Naples · Italy

www.kv7channelssymposium.org

Join us!

Welcome to

The 2nd Kv7 Channels Symposium in Naples

It is a great pleasure to announce the 2nd International Kv7 Channels Symposium, which will be held 13 - 15 September 2023 in Naples, Italy.

After the success of the 1st Symposium in 2019, and the forced stop due to the pandemic, we felt that it was time for a new gathering of scientists working in the Kv7 world for sharing their results and ideas, interacting with other members of the Kv7 community and initiating fruitful collaborations.

KCNQ-encoded Kv7 channels hold a special place in many people's hearts because 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.

The last four years have seen the emergence of structural information and new pathophysiological roles for Kv7 channels, as well as the expansion of the arsenal of Kv7 modula-

tors which represent potential therapeutic tools for the treatment of neuropsychiatric disorders as diverse as sleep and behavioural disorders, as well as urinary incontinence, erectile dysfunction, asthma, pre-term labour and constipation.

This symposium will showcase the myriad aspects of Kv7 research, with emphasis on emerging research areas. 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.

The Kv7 Channels Symposium 2023 will again 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

Information & Contact

Visit www.kv7channelssymposium.org
or contact the Kv7 Channels Symposium
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