

4th RSC/SCI Symposium on Ion Channels as Therapeutic Targets

18th-19th March 2013

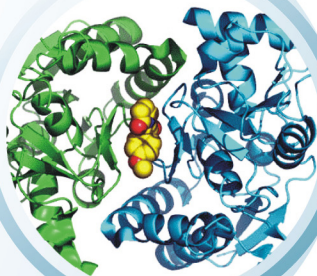
Abington Hall, Cambridge, UK

RSC | Advancing the
Chemical Sciences

Biological & Medicinal

Chemistry Sector


SCI
where science meets business



Call for Posters

Posters are invited for display throughout the meeting and at a dedicated poster session on the evening of 18th March. Please download a template from the website – closing date is 18th January 2013.

Synopsis

Ion Channels are important targets for therapeutic intervention due to their extensive roles in human physiology and the pathophysiology of disease. A large number of successful drugs targeting ion channels have been discovered for diseases such as hypertension, epilepsy and chronic neuropathic pain. Recent advances in the science of ion channels have reinvigorated the search for new medicines in this field. Examples include the continued refinement of high throughput and automated electrophysiology platforms allowing efficient identification of lead compounds and their mechanisms of action; the genetic association of ion channel targets with human disease (e.g. the role of NaV1.7 in pain); the break-throughs in structural biology that have led to the successful determination of the 3-dimensional structures of several ion channels.

The objectives of the symposium are to showcase the most recent advances in ion channel science and to promote scientific interaction between researchers with a shared interest in ion channel drug discovery. The speakers will include international leaders in ion channels science and drug discovery both from academia and from industry. In addition there will be a poster session, an exhibition and opportunities for informal networking. A number of therapeutic areas will be included with a special focus on ion channel therapeutics for pain indications.

Features

- A **poster session** on the evening of 18th March will provide a valuable forum at which participants can discuss their work with a cross-disciplinary group of ion channel scientists.
- A relevant **trade exhibition** is offered (limited stand space available).
- The **conference dinner** will be held at Abington Hall.
- Discounted rates will be offered to RSC and SCI student members, and some **student bursaries** will be available.
- Contact the secretariat for details of **sponsorship opportunities**.
- **Accommodation** will be available at the conference venue and at local hotels.

Venue and Travel

Abington Hall, Granta Park, Great Abington, Cambridge. Stansted airport is a 30-minute drive away, and is easily accessible from the M11. Cambridge rail station is 10 miles away.

Contact/Secretariat

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