



PROTEIN KINASE 2009: Signalling Success

3rd SCI-RSC Symposium on Kinase Inhibitor Design

Monday 18 - Tuesday 19 May 2009
AstraZeneca, Cheshire, UK

RSC | Advancing the
Chemical Sciences

AstraZeneca 


SCI
where science meets business

Organised by SCI's Fine Chemicals Group and the
Bioorganic and Medicinal Chemistry Sector of the RSC

Monday 18 May

programme

- 09:30** Registration and refreshments
- 09:50** Welcome and opening remarks
- Session 1**
- 10:00** **Plenary: Case histories of fragment based discovery: from crystal to clinic**
David Rees, Astex, UK
- 10:45** **Systems based approaches to the discovery of novel IKK inhibitors**
Paul Bamborough, GlaxoSmithKline, UK
- 11:30** Refreshment break
- 12:00** **Structure-based drug design of selective JNK inhibitors for the treatment of Type 2 diabetes**
Ping Chen, Pfizer, USA
- 12:45** **GSK3 inhibitors for Alzheimer's disease**
Per Arvidsson, AstraZeneca, Sweden
- 13:30** Lunch
- Session 2**
- 14:30** **Plenary: Strategies for the rational design of selective kinase inhibitors**
Stefan Knapp, Structural Genomics Consortium, UK
- 15:15** **Inhibitors of checkpoint kinases**
Ian Collins, The Institute of Cancer Research, UK
- 16:00** Refreshment break
- 16:30** **Solution conformations and dynamics of ABL kinase-inhibitor complexes determined by NMR**
Wolfgang Jahnke, Novartis, Switzerland
- 17:00** **PI3K as a target for cancer drug development**
Carlos Garcia-Echevarria, Novartis, Switzerland
- 17:45** Poster session and wine mixer
- 19:00** Conference dinner
Mereside restaurant, Alderley Park



Tuesday 19 May

- programme**
- 09:00** **Session 3**
Plenary: Navigating the rocky road to a multi-target drug; examples from kinases and other families
Richard Morphy, Schering-Plough, UK
- 09:45** **Label free analysis of protein kinase interactions**
Olof Karlsson, GE Healthcare, Sweden
- 10:30** Refreshment break
- 11:00** **Discovery of BI 2536 - a highly potent and specific Plk1 inhibitor**
Matthias Hoffmann, Boehringer Ingelheim, Germany
- 11:45** **Design, synthesis and evaluation of VX-322, a novel FLT3 inhibitor for the treatment of AML**
Rob Davies, Vertex, USA
- 12:30** **The identification and optimisation of selective small molecule inhibitors of mTOR kinase**
Kurt Pike, AstraZeneca, UK
- 13:15** Lunch
- 14:15** **Session 4**
The discovery of Sorafenib/Nexavar
Bernd Riedl, Bayer HealthCare AG, Germany
- 15:00** **Keynote: Clinical aspects of developing kinase inhibitors**
Malcolm Ranson, University of Manchester / Christie Hospital, UK
- 15:45** **Panel discussion**
- 16:30** **Concluding remarks**

The organisers would like to acknowledge the generous support of AstraZeneca in hosting this symposium

posters To submit abstracts for poster presentations, please send a 300 word abstract to conferences@soci.org by **9 March 2009**. Please entitle your email 'Kinase abstract'.

Please pass this flyer onto a colleague

This is the third in a series of joint SCI-RSC meetings dedicated to the kinase family of enzymes.

What will the conference cover?

This symposium will detail recent progress in the area of kinase inhibition and address the challenges and issues associated with converting kinase inhibitors into selective and safe drugs.

The structure, mechanism of action and inhibition of protein kinases continues to capture the attention of the pharmaceutical and academic sectors. Confirmation of kinases as clinically relevant targets has been demonstrated recently by the success of drugs in the oncology market. This success has fuelled the scientific community to search for novel inhibitors to address other clinically relevant conditions.

Who should attend?

This event is aimed at all scientists interested in furthering their knowledge of kinases. It will also have wider appeal to members of the drug discovery community eager to understand how enzyme inhibitor programmes are approached, and executed across the pharmaceutical industry.

Bursaries

A limited number of bursaries are available for this event. For further details, please email conferences@soci.org by **13 April 2009**. Please entitle your email 'Kinase bursary request'.

5% discount on all SCI conferences by booking online at www.soci.org

SCI is an international, independent charity whose remit is to promote the application of science for the benefit of society.

Established since 1881, SCI works hard to advance and promote scientific knowledge and innovation while acting as a bridge between science and business. It does this by bringing together people from a wide variety of backgrounds including scientists, business people, industrialists, researchers and students from all over the world.

SCI is the publisher of many well respected journals and industry leader Chemistry & Industry magazine (C&I). SCI can offer a network of contacts spanning education, science and business, an in-depth knowledge of chemical related industries together with a rolling programme of conferences, awards and scholarships to help further knowledge and support those involved in the sector no matter what stage of their careers.

For more information on the benefits of joining SCI please go to www.soci.org/membership

The conference will be held at the AstraZeneca Research Facility in Alderley Park, Cheshire

Travel to the venue

There is plenty of car parking at the Alderley Park site. However, transport to and from the venue can be provided, if required. Please indicate on the registration form if you require transport. (**Deadline 13 April 2009**).

Travelling by road

Alderley Park is situated on the A34 Congleton to Manchester road. Travelling from the North, exit the M6 at Junction 19 and follow the A537 towards Macclesfield before turning left onto the A34. From the South, exit the M6 at Junction 18, take the A535 through Holmes Chapel. Turn right onto the A537 towards Macclesfield and then left onto the A34.

Travelling by rail

Alderley Park is just a short taxi journey from either Macclesfield or Wilmslow Stations, both of which are on the main West Coast Intercity line. From Wilmslow on the Manchester to Crewe line, it is possible to take a short local train journey to Alderley Edge station. There is a regular bus service to Alderley Park from any of the southwards bus stops on the main road that runs through Alderley Edge.

Travelling by air

Alderley Park is situated only around 10 miles from Manchester Airport. A taxi is the most convenient final stage when arriving by air. The journey is through busy roads and can take up to 45 minutes at peak traffic times. The black cabs at the Airport will quote for the journey from a standard list of fares.

A map will be sent to all delegates with the confirmation letter

Hotels

As there are only a limited number of rooms on hold, **early booking** is strongly recommended.

We have negotiated rates and reserved a number of rooms at 3 hotels which are all close to the Research Facility at Alderley Park. To make a booking, please contact the booking agency directly, quoting the reference code listed below. Room rates start at £89.00 per night based on a single room including breakfast.

Agency contact details

Kristiana Kruysmulder
T: 0844 445 7270 E: vip@hotelworldplus.com
Reference Code: SCIC

Alan Brown, Pfizer
Derek Buckle, DRB Associates
Stephen East, Evotec (UK) Ltd
Roger Griffin, Newcastle University
John Harris, cjh Consultants
Chris Hill, Schering-Plough
Keith Jones, Institute of Cancer Research
Andrew Thomas, AstraZeneca

Protein Kinase 2009: Signalling Success

18 - 19 May 2009 @ AstraZeneca, Alderley Park, Cheshire, UK

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Subsidised Member.....£130

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Non-Member.....£330

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I will require transport to and from the venue each day (Deadline 13 April 2009)

Subsidised member rate - those earning less than £18K per year

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