

## 2nd Coast to Coast Medicinal and Synthetic Chemistry Symposium

The organisers cordially invite you to participate in the 2nd RSC Coast to Coast Medicinal and Synthetic Chemistry Symposium which will be held in the seaside resort of Torquay. Building on the success of the 1<sup>st</sup> Symposium in 2006, it is intended this meeting will complement the well-established biennial RSC-SCI Cambridge Medicinal Chemistry Symposia which have become synonymous with excellent scientific discussion and enjoyable social discourse.

### Programme

#### Sunday 26 October 2008

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|-------|---|
| 14.00 | Registration Opens<br>Conference Reception desk, Forum Hall foyer, The Riviera Centre   |
| 15.25 | Welcome & Opening Remarks   |
| 15.30 | Design and Synthesis of Inhibitors of CDK-2 as Potential Anti-Fungal Compounds<br>Dr Steve Wailes, Syngenta, UK   |
| 16.15 | New Asymmetric Rhodium-Catalyzed Allylic Substitution Reactions for the Total Synthesis of Bioactive Natural Products<br>Prof Andrew Evans, University of Liverpool, UK |
| 17.00 | Tea   |
| 17.30 | Semiochemistry: Chemical Signalling Between Ourselves, Our Food and Our Pests<br>Prof John Pickett, Rothamsted Research, UK   |
| 18.15 | Natural Products as Leads for Novel Nicotinic Ligands.<br>Prof Timothy Gallagher, University of Bristol, UK   |
| 19.00 | Drinks Reception & Buffet   |

#### Monday 27 October 2008

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|-------|--|
| 08.45 | Diversity Driven Multicomponent Reactions in Hit-to-Lead Discovery<br>Dr Beining Chen, University of Sheffield, UK   |
| 09.30 | Fostering Good Design Practices in Medicinal Chemistry- is this the Answer to Reducing Attrition?<br>Dr Phil Cox, Abbott, USA  |
| 10.15 | Design and Optimisation of Novel SSRI Templates<br>Dr Alan Brown, Pfizer Global Research and Development, UK   |
| 11.00 | Coffee   |
| 11.30 | Using Molecular Fields for Rational Drug Design Against GPCRs<br>Dr Andy Vinter, Cresset BioMolecular Discovery, UK  |
| 12.15 | Progress in the Development of Non-Nucleoside Reverse Transcriptase Inhibitors: from Tibo to Rilpivirine<br>Dr Jan Heeres, Retired (formerly Janssen Pharmaceutica)<br><b>IUPAC Richter Prize Winner in Medicinal Chemistry 2008</b> |

13.00	Lunch
14.00	Some are Born Green - Others Make it Happen Dr Trevor Grinter, GSK, UK
14.45	HT Annulation Reactions with Med Chem. Case History Dr Roland Dolle, Adolor Corporation, USA
15.30	Tea
16.00	Approaches to Therapies for Neuro-oncology and Neurodegenerative Diseases Dr Russell Thomas, Siena Biotech, Italy
16.45	Gold-Catalyzed Reactions for Organic Synthesis Prof Dean Toste, University of Berkeley, USA <b>IUPAC Corey Prize Winner in Synthetic Chemistry 2008</b>
17.30	Poster Session
19.30	Reception & Conference Dinner The Grand Hotel, Sea Front, Torquay

## Tuesday 28 October 2008

09.00	<i>N</i> -Substituted Pyridazinones: A Novel Class of Selective 5HT <sub>2C</sub> Agonists Dr Paul Fish, Pfizer Global Research and Development, UK
09.45	Microwaves And Heterocycles: New Chemotherapeutic Opportunities for the 'Ageing' Disease Dr Mark Bagley, Cardiff University, UK
10.30	Coffee
11.00	Sorting the Wheat from the Chaff: Route Selection using Kepner-Tregoe Decision Analysis Dr Jeremy Parker, AstraZeneca, UK
11.45	Functionalised Orthoesters in Organic Synthesis Prof Istvan Marko, University of Louvain, Belgium
12.30	Challenges and Opportunities in Library Screening Dr Haiching Ma, Reaction Biology Corporation, USA
13.15	Closing Remarks

## Posters

Posters relevant to the themes of the meeting are invited. Please submit a one-page abstract as a Word document to the Secretariat before **31 August 2008**.

## Travel Information

- By Air:** Airports at Exeter, Newquay, Plymouth or Bristol are served by flights from most parts of the UK and major European cities.
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|-----------|--|
| Exeter:   | <a href="http://www.exeter-airport.co.uk">www.exeter-airport.co.uk</a>             |
| Plymouth: | <a href="http://www.plymouthairport.com">www.plymouthairport.com</a>               |
| Bristol   | <a href="http://www.bristolairport.co.uk">www.bristolairport.co.uk</a>             |
| Newquay   | <a href="http://www.newquaycornwallairport.com">www.newquaycornwallairport.com</a> |
- By Road:** The Riviera Conference Centre is only 6 miles from the A380 dual carriageway and the M5 which links Torquay with the national motorway network to the north, south, east and west.
- By Rail:** First Great Western and Virgin trains operate to Torquay on a regular basis from across the country, including routes through Bristol, Exeter and Plymouth. Travel from London Paddington is approximately 3 hours.
- Tel: National Rail: 08457 48 49 50  
website: [www.firstgreatwestern.co.uk](http://www.firstgreatwestern.co.uk)
- Venue:** The Torquay Riviera International Conference Centre  
Chesnut Avenue, Torquay, Devon TQ2 5LZ  
Tel: 01803 206 306  
website: [www.conferencetorquay.co.uk](http://www.conferencetorquay.co.uk)

## Accommodation

The Riviera Conference Centre has an accommodation booking service which offers rooms from a choice of local hotels, varying from small independent guest houses to 2 - 5 star hotels, within walking distance of the Conference Centre. This service can be accessed by contacting the Centre on-line at [www.conferencetorquay.co.uk](http://www.conferencetorquay.co.uk) and using the Hotel Search Facility, or by telephone direct on + 44 (0)1803 206302.

## Social Events

All delegates are invited to a drinks reception and buffet to be held on the evening of Sunday 26 October from 19.00 in the Rosetor Room at The Riviera Conference Centre and to the Reception and Conference Dinner, 19.30 on Monday 27 October, at The Grand Hotel. The Hotel is one of the finest hotels on the English Riviera and occupies a pride of place position on the seafront overlooking Torbay.

## Exhibition

There are opportunities for companies to take part in the exhibition associated with the symposium. Please contact the Secretariat for full details.

## Student Bursaries

A limited number of bursaries are available for students who are presenting posters. These will be worth £200 each, the balance after deduction of registration fees will be paid at the meeting to the successful applicants. Please apply by letter to the Secretariat enclosing proof of student status and a letter of recommendation from the research supervisor. Please see above for the deadline for poster submissions.

## Fees and Application

The Registration Fee covers attendance at the sessions, lunches and refreshments, and social events (Reception and Buffet on 26 October and Conference Dinner on 27 October), abstracts and VAT. There is a reduced fee up to **27 July** and a late application fee of £30 will apply to forms sent after **15 September 2008**.

	Up to 27 July	27 July to 15 September
RSC members	£280	£300
Non-members	£340	£360
RSC Student or retired members	£140	£150
Non-member students	£170	£180

Cancellations received in writing up to 15 September will be subject to a 20% administration charge. Refunds cannot be made after this date although substitutions are possible at any time. The Organisers reserve the right to alter the programme if unforeseen circumstances make this necessary. Should complete cancellation of the conference be required there will be no liability other than the return of fees already paid.

Application should be made on the attached form or a photocopy. Payment can be made by cheque payable to 'RSC-BMCS' or by credit card (see details on application form) or by bank transfer (please contact the Secretariat for necessary bank details). Acknowledgements will be sent within 14 days of receipt and arrival information will be despatched to registered participants around 3 weeks before the meeting.

## Organisers

Stuart Cameron	Exelgen Ltd
Howard Easterfield	ThermoFisher Scientific, Global Chemicals
Colin Piper	Key Organics Ltd

## Sponsors

The RSC Biological and Medicinal Chemistry Sector acknowledges the generous support of the following companies:

Key Organics Ltd  
ThermoFisher Scientific, Global Chemicals  
Exelgen Ltd

## Secretariat

Elaine Wellingham, Conference Secretariat  
Field End House, Bude Close, Nailsea, Bristol BS48 2FQ, UK  
Tel and Fax: +44 (0)1275 853311  
E mail: [esw@confsec.co.uk](mailto:esw@confsec.co.uk)  
Website: [www.confsec.co.uk](http://www.confsec.co.uk)

**2nd Coast to Coast Medicinal and Synthetic Chemistry Symposium**  
**26 – 28 October 2008, Torquay, UK**

**APPLICATION FORM**

**Please note that a late registration fee applies after 15 September 2008**

This form should be completed clearly and returned with your remittance to:  
Elaine Wellingham, Conference Secretariat, Field End House, Bude Close, Nailsea, Bristol BS48  
2FQ. Tel and Fax: +44 (0)1275 853311. E-mail: esw@confsec.c.uk

Title (Prof, Dr etc): .....

First Name:.....Last (Family) Name .....

Organisation: .....

Mailing Address: .....

.....

.....

Postcode: .....E-mail: .....

Tel: .....Fax: .....

Special dietary or other requirements .....

**Registration Fees**

**Registration** (inc.VAT, lunches, tea and coffee and buffet 26 Oct)

Please tick as appropriate

	<b>Up to 27 July</b>	<b>27 July to 15 September</b>
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RSC Student or retired members	£140	£150
Student Non-members	£170	£180

**Late Booking Fee, after 15 September 2008**

£30

**TOTAL**

Please see over for payment instructions.

SIGNED ..... DATE .....

## Payment Methods

## By Cheque, Credit Card or Bank Transfer

### 1. Cheque

I enclose a personal / company cheque payable to **RSC-BMCS** for £.....

### 2. Credit card

Please charge my MASTERCARD, VISA or AMEX card for £.....

Card No: \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

Expiry date: \_ \_ / \_ \_ Card Security Code (on signature strip): \_ \_ \_

Cardholder's Signature .....

Cardholder's Name (please print) .....

Cardholder's Billing Address (if different to overleaf)

.....

.....

.....Postcode .....

### 3. Bank Transfer

Please contact the Secretariat for bank account details.

All bank charges must be paid by the sender. Please include the delegate name in your instruction. A copy of the payment advice must be attached to this application form.

### Data Protection:

The information you supply will be used for the administration of the meeting. A list of participants, which include e-mail addresses, will be published for distribution at the conference. If you do not wish your email address to be included, please tick the box.

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