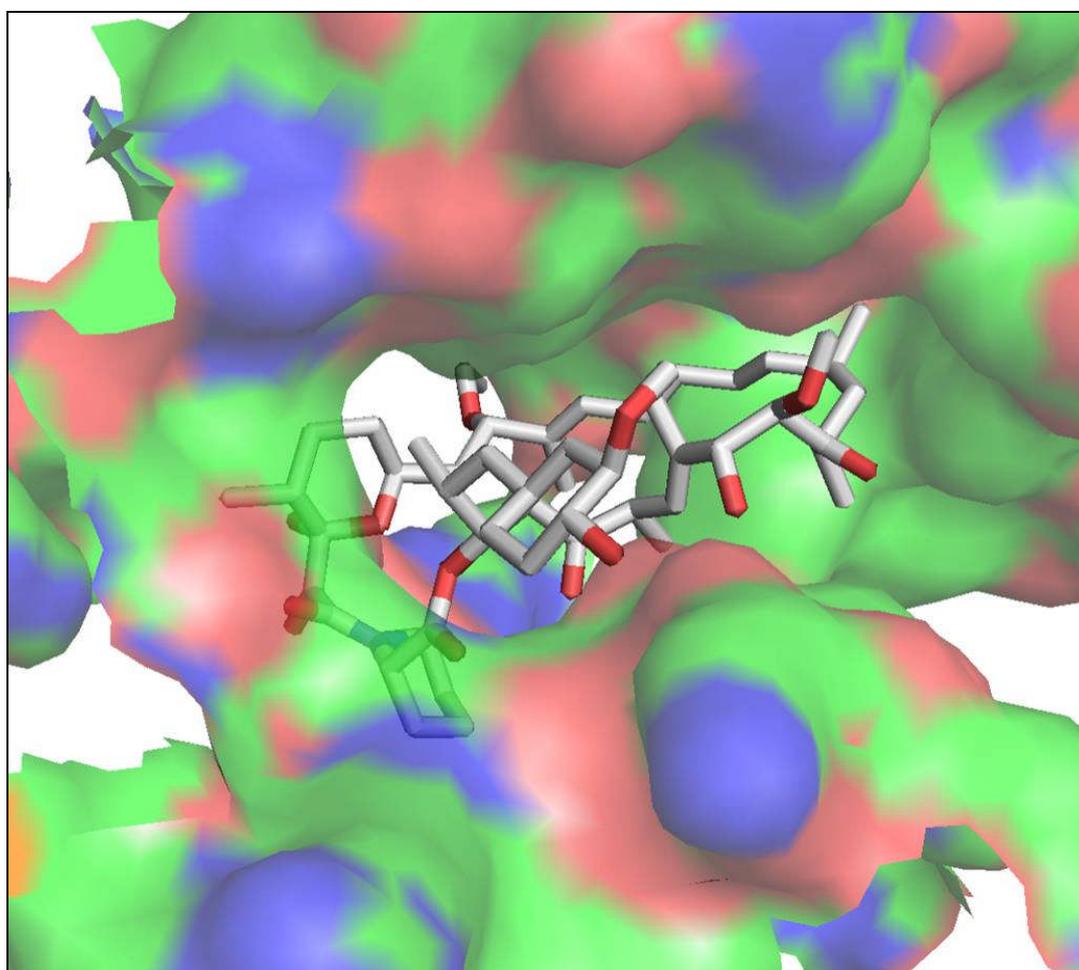


Drugs from Natural Products IV

7-8 April 2008

New Hall, Cambridge



PROGRAMME AND APPLICATION FORM

Drugs from Natural Products 7-8 April 2008, Cambridge

Introduction

Natural products continue to play a key role in drug discovery and provide challenges for synthetic chemistry. The organisers of "Drugs from Natural Products IV" invite you to join them in a 2-day meeting which will display examples of both these challenges and of the important role these agents play in the search for new medicines. A world class group of speakers from both academia & industry have agreed to present their work and we look forward to an excellent meeting.

Programme

Monday 7 April

- | | |
|-------|--|
| 10.00 | Registration and coffee |
| 10.30 | Opening Remarks |
| 10.35 | Synthetic Carbohydrate Vaccine Candidates Peter Seeberger (ETH, Switzerland) |
| 11.20 | Novel Approaches of Antibiotic Discovery: Platensimycin and Platencin Story Sheo Singh (Merck, USA) |
| 12.05 | Towards an Efficient On-Resin Synthetic Approach to the Lantibiotics Alethea Tabor (University College London, UK) |
| 12.25 | Lunch |
| 13.15 | Elucidating and Exploiting New Natural Product Biosynthetic Pathways for Drug Discovery Greg Challis (Warwick, UK) |
| 14.00 | Biosynthetic Medicinal Chemistry of Macbecin-Derived Hsp90 Inhibitors Ming Zhang (Biotica, UK) |
| 14.45 | Production and Isolation of Amphotericin Analogues <i>In Vivo</i> Bernard Rawlings (Leicester, UK) |
| 15.05 | Tea |
| 15.35 | Steroid Sulfatase Inhibitors: From Concept to Clinic Barry Potter (Bath, UK) |
| 15.55 | Natural Products as Leads for the Regulation of Lysine Acetylation and Methylation A Ganesan (Southampton, UK) |
| 16.40 | Rapamycin Analogs: New Chemistry/New Indications Guy Carter (Wyeth, USA) |
| 17.25 | Poster Session |
| 19.30 | Conference Dinner |

Tuesday 8 April

- 09.00 Biology Oriented Synthesis and the BioChemIsTree
Herbert Waldmann (Max-Planck Institute, Germany)
- 09.45 The Synthesis and Activity of New Inhibitors of CDK4 Based on Fascaplysin
Paul Jenkins (Leicester, UK)
- 10.05 Structure-Activity Relationships of Halichondrin B Analog Eribulin Mesylate (E7389)
Melvin Yu (Eisai, USA)
- 10.50 Coffee
- 11.20 Synthesis of Marine Polyketides as Promising Anticancer Agents
Ian Paterson (Cambridge, UK)
- 12.05 An Efficient and Stereoselective Approach to Some Bioactive Heterocyclic Natural Products
Steven Allin (Loughborough, UK)
- 12.25 Chemical and Biological Approaches to Stereocontrol
Adam Nelson (Leeds, UK)
- 12.45 Lunch
- 13.30 Discovery of Ixempra™ and Future Directions for Epothilones
Gregory Vite (Bristol-Myers Squibb, USA)
- 14.15 Structure-based Organic Synthesis of Drug Prototypes
Stephen Hanessian (Montreal, Canada)
- 15.00 Closing Remarks

Call for Posters

Participants who would like to present their work are invited to submit an abstract for poster presentation by **15 January 2008**. Please send a one-page abstract in Word as an email attachment to esw@confsec.co.uk.

Venue, Travel and Accommodation

The conference is being held in the modern conference facilities of New Hall, a college of the University of Cambridge. For maps and travel advice, please see the website www.newhall.cam.ac.uk/contacts/directions. Further information about arrival will be sent to registered participants in March. A limited number of single en-suite student rooms are available for over-night accommodation in New Hall. The rooms cost £78 per night for bed and breakfast and can be booked on the application form. Alternatively, delegates can make their own bookings in Cambridge hotels, see www.visitcambridge.org

Registration and Fees

Application should be made on the enclosed form before **29 February** to avoid the late fee. An early-bird discount applies until **12 January**, see the application form.

Payment must be made in advance in sterling only, by cheque, credit card or bank transfer. In the event of cancellation before 29 February, 80% of the fee will be returned. Refunds will not be possible after that date although substitutions are possible at any time.

The fees include attendance at all sessions, abstracts, lunches, refreshments, Conference Dinner and VAT.

| | |
|---------------------|------|
| RSC members | £230 |
| Non-members | £280 |
| Student members | £115 |
| Student non-members | £140 |

Student Bursaries

The organisers are able to offer a number of bursaries for full-time postgraduate students who are able to present a poster. The bursaries are worth up to £200 towards registration, accommodation and travel expenses. Preference will be given to RSC student members.

Sponsors

The organisers are grateful to the following companies for support of the meeting:

| | |
|-------------|----------|
| AstraZeneca | Organon |
| Biotica | Syngenta |
| Novartis | |

Organisers

The conference is sponsored by the RSC Organic Division and the Biological and Medicinal Chemistry Sector and organised by:

Dr Phil Jones (Organon)
Dr Helen Hailes (University College London)
Prof Ray Jones (Loughborough University)
Dr Ming Zhang (Biotica)

Secretariat

Elaine Wellingham, Conference Secretariat
Field End House, Bude Close
Nailsea, Bristol BS48 2FQ, UK

Tel and Fax: +44 (0)1275 853311

Email: esw@confsec.co.uk

Website: www.confsec.co.uk

Image courtesy of Biotica.

Payment Methods

1. Cheque

I enclose a cheque payable to **RSC-BMCS** for £

2. Bank Transfer

Payments can be made by BACS, please contact Conference Secretariat for the details.

3. Credit Card

Please charge my MASTERCARD, VISA or AMEX card for

£

Card No: _ _ _ _ _

Expiry Date: _ _ / _ _ Card Security Code _ _ _

The Security Code is the last three digits on the signature strip.

Cardholder's signature

Cardholder's name (please print)

Cardholder's address (if different to overleaf)

.....

.....

.....Postcode

DATA PROTECTION: The information you supply will be used for the administration of the meeting. A List of Participant names and email addresses will be distributed at the conference. If you DO NOT wish your address to be included, please tick the box.