

The role of natural products in drug discovery and development in the new millennium



**Royal
Pharmaceutical
Society**
of Great Britain

Friday 4 December 2009 at the
Royal Pharmaceutical Society of Great Britain, London

In partnership with the Academy of Pharmaceutical Sciences

In association with the Phytochemical Society of Europe (PSE), the Society for Medicinal Plant Research (GA), the International Society for Ethnopharmacology (ISE), and the British Herbal Medicine Association (BHMA)



International Society
for
Ethnopharmacology



OBJECTIVES

This one-day conference will bring together academic, industrial and regulatory scientists, as well as practitioners and consumer representatives with an aim to:

- Discuss up-to-date and innovative techniques for the discovery of novel lead compounds from natural sources such as plants, microorganisms, and marine invertebrates
- Cover new frontiers and future prospects in natural product research
- Provide a platform for academic and industrial scientists, practitioners, community pharmacists and policy makers to network and debate the current issues in natural product lead discovery, development and delivery to the patient
- Offer an opportunity for the pharmaceutical industry to gain better insights into natural product research and provide closer relationships between academia and industry
- Provide delegates with successful case studies on how to overcome the supply issue, a major obstacle in natural product development

PROGRAMME

Conference Chair: Deniz Tasdemir, University of London

09.30	Registration and coffee
09.55	Opening comments by the Chair Deniz Tasdemir, University of London, UK
10.00	Back to the future: the continuing value of natural products for drug discovery Alan Harvey, University of Strathclyde, UK
10.30	In silico strategies for lead identification from Nature Hermann Stuppner, University of Innsbruck, Austria
11.00	Streamlining the biodiscovery pipeline Marcel Jaspars, University of Aberdeen, UK
11.30	Bioactive low molecular weight carbohydrate analogues Robert Nash, Phytoquest Limited, UK
12.00	Lunch
13.00	Synthetic processes of marine anticancer drugs: PharmaMar's experience Carmen Cuevas, PharmaMar, Spain

- To provide those pharmacists and other healthcare professionals already interested in and working with natural medicines with an opportunity to further their learning and understanding of this field
- Inform a wider scientific and public audience about the importance of natural sources in the treatment of human diseases

WHO SHOULD ATTEND

The conference is aimed at:

- Academics and industrial scientists involved in all aspects of natural product research: drug discovery, development, delivery, analysis, chemical synthesis, molecular pharmacology and biotechnological applications
- Representatives from government sponsored agencies - regulatory scientists involved in human healthcare
- Community pharmacists, practitioners and other health professionals with an interest in natural medicines

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| 13.30 | Biosynthetic engineering approaches to natural product lead optimization
Barrie Wilkinson, Biotica Tech. Ltd, UK |
| 14.00 | A sustainable supply of artemisinin from <i>Artemisia annua</i>
Dianna J. Bowles, University of York, UK |
| 14.30 | Coffee |
| 15.00 | Panel discussion: The present and the future of natural products - where are we heading?
Chair: Deniz Tasdemir, Panel: all speakers |
| 16.00 | Close of conference |

VENUE

The Royal Pharmaceutical Society is conveniently located in central London with easy access from Waterloo, Vauxhall and Victoria rail and tube stations.

Terms and Conditions

Should you find that you are not able to attend the event after booking a place, please advise us in writing as soon as possible. If a colleague is able to attend in your place and you notify us in writing, we are pleased to accept the substitution at no charge. In the event that it is necessary to cancel a registration, please notify us in writing. A processing fee is payable. For cancellations, the following refunds will apply: Over 14 days: 90% of the fee; less than 14 but over 3 working days: 50% of the fee; three or less working days: nil. The time of notification is taken at the date of receipt of fax or letter. Substitution is permitted at any time if notified in writing. The RPSGB reserves the right to amend the programme. In the unlikely event of cancellation of the event, delegates will receive a full refund of fees but the RPSGB cannot be held liable for other expense incurred by delegates.

NATURAL PRODUCTS IN DRUG DISCOVERY – FRIDAY 4 DECEMBER 2009

REGISTRATION FORM

Delegates will be registered upon receipt of the completed form and will liable to pay the fees. Payment must be made before the start of the course. Fees inclusive of lunch, refreshments and conference documentation.

Register by Friday 18 September 2009 and save up to 10% (Early Bird fee)	EARLY BIRD FEE	FULL FEE
Non-Member (non-academic, non-governmental)	<input type="checkbox"/> £225	<input type="checkbox"/> £250
Non-Member (academic, governmental)	<input type="checkbox"/> £162	<input type="checkbox"/> £180
Member of RPS, APS, ISE, BHMA, PSE or GA (non-acad, non-govtl)	<input type="checkbox"/> £135	<input type="checkbox"/> £150
Member of RPS, APS, ISE BHMA, PSE or GA (acad, govtl)	<input type="checkbox"/> £126	<input type="checkbox"/> £140
Students (please enclose evidence of being a full-time student)	<input type="checkbox"/> £70	<input type="checkbox"/> £80

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Card holder's name and address (if different from above)		Expiry
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ONE FORM PER PERSON PLEASE – PHOTOCOPIED FORMS ARE ACCEPTED

Please return this form with your payment to: Events Coordinator,
Royal Pharmaceutical Society of Great Britain, 1 Lambeth High Street, London SE1 7JN
Fax: 020 7572 2506 Email: events@rpsgb.org (Tel: 020 7572 2640)

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