The Science of Medicines

31st August - 2nd September 2011
East Midlands Conference Centre,
University Park, Nottingham NG7 2RJ, UK

The premier conference for pharmaceutical scientists in the United Kingdom in 2011, so be sure to book your place.

For further details and online registration visit
www.ukpharmsci.org

10% Early Bird discount ends 1st July
Welcome to PharmSci 2011

The Academy of Pharmaceutical Sciences are pleased to announce their 2nd Annual Science Conference PharmSci 2011...The Science of medicines.

The PharmSci Conference 2011 will showcase the best of pharmaceutical science from the UK and around the world bringing together academic and industrial institutions, providing state of the art technologies and a platform for the development of emerging talent.

The Conference theme is “The Science of Medicines” with contributions from established leaders and emerging talent on a variety of topics including biopharmaceutics, biologicals, materials science, pharmaceutical analysis, pharmaceutical chemistry, particle engineering, quality by design, regenerative medicine and medicinal chemistry. The Conference will include a large pharmaceutical sciences exhibition with representation from pharma companies, small and medium size enterprises, contract research organisations and technology suppliers.

From abstract submissions there will be poster sessions and podium presentations from selected abstracts.

On each day conference attendees will have a choice of themed parallel podium session, plus scientific poster sessions and an exhibition that will run for the duration of the conference.

The exhibition, related conference sessions and social events will help delegates develop their personal and professional networks to meet future needs.

Speakers include:

Prof Richard Guy
Conference Chair
University of Bath

Prof Martin Snowden
APS Chair
University of Greenwich

Prof Bill Charman
Monash University
Australia

Prof Rob Forbes
University of Bradford

Dr Eddie French
Pfizer

Prof Randall Mrsny
University of Bath

Dr Richard Storey
AstraZeneca

Prof Peter York
University of Bradford
### Wednesday 31st August 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00 - 09.15</td>
<td>Registration &amp; Coffee</td>
</tr>
<tr>
<td>09.15 - 09.30</td>
<td>Introduction – Chairman of the APS - Prof Martin Snowdon, University of Greenwich</td>
</tr>
<tr>
<td>09.30 - 10.15</td>
<td>PharmSci Conference Chair Address - Prof Richard Guy, University of Bath</td>
</tr>
<tr>
<td>10.15 - 11.00</td>
<td>Coffee, Posters and Exhibition</td>
</tr>
</tbody>
</table>
| 11.00 - 12.30 | 1. Material Science  
Session Chair: Prof Clive Wilson, University of Strathclyde  
Speakers: Prof Rob Price, University of Bath, Dr Frank Thielmann, Novartis  
2 x Short Papers from submitted Abstracts |
|               | 2. Nanotechnology and the Skin Forum  
Session Chair: Prof Adam Watkinson, Acrux Ltd  
Speakers: Dr Karl Lintner, Kalidees, Prof Jonathan Hadgraft, University of London  
2 x Short Papers from submitted Abstracts |
|               | 3. Analytical Measurements  
Session Chair: TBC  
Speakers: Dr Steve Wicks, University of Greenwich, Dr Ian Clegg, Pfizer  
2 x Short Papers from submitted Abstracts |
|               | 4. Technology Challenges  
Session Chair: Prof Rob Forbes, University of Bradford  
Speaker: Dr Tejash Shah, GlaxoSmithKline, Dr Andrea Hawe, Leiden University  
2 x Short Papers from submitted Abstracts |
| 12.30 - 13.45 | Lunch, Posters and Exhibition                                          |
| 13.45 - 14.30 | RPS Science Award Lecture                                               |
| 14.30 - 16.00 | 1. Biopharmaceutics and QbD Product Development  
Session Chair: TBC  
Speaker: Prof Clive Wilson, University of Strathclyde, Dr Peter Scholes, Quotient Bioresource  
2 x Short Papers from submitted Abstracts |
|               | 2. Formulation and Skin Barrier Function  
Session Chair: Dr Ryan Donnelly, Queens University Belfast  
Speakers: Dr Majella Lane, ULSOP, Dr Perry Xiao, London South Bank University  
2 x Short Papers from submitted Abstracts |
|               | 3. Analytical Measurements  
Session Chair: TBC  
Speakers: Dr Richard Storey, AstraZeneca, Dr Sander van den Ban, GlaxoSmithKline  
2 x Short Papers from submitted Abstracts |
|               | 4. Technology Challenges  
Session Chairs: Dr Richard Kaye, GlaxoSmithKline, Dr Andy Donnelly, Medimmune  
Speakers: Dr Sathish Hasige, Medimmune, Dr Richard Johnson, Upperton Ltd  
2 x Short Papers from submitted Abstracts |
| 16.00 - 16.30 | Tea, Posters and Exhibition                                             |
| 16.30 - 18.00 | 1. Biopharmaceutics and QbD Product Development  
Session Chair: TBC  
Speaker: Dr Paul Dickinson, AstraZeneca, Dr Susann Bellmann, TNO Life Sciences  
2 x Short Papers from submitted Abstracts |
|               | 2. Imaging the Skin  
Session Chair: Dr Mark Pellett, Pfizer  
Speakers: Prof Paul Matts, Procter & Gamble, Prof Richard Guy, University of Bath  
2 x Short Papers from submitted Abstracts |
|               | 3. Analytical Measurements  
Session Chair: Dr Ken Leiper, Benson Consultants  
Speakers: Dr Jon Clark, FDA, Dr Dave Rudd, GlaxoSmithKline  
2 x Short Papers from submitted Abstracts |
|               | 4. Technology Challenges  
Session Chair: Dr Barry Moore, Xstalbio  
Speakers: TBC  
2 x Short Papers from submitted Abstracts |
| 18.00 - 18.15 | Poster Awards                                                           |
| 18.15 - 19.30 | Wine & Cheese Reception                                                 |
**Thursday 1st September 2011**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00 - 09.00</td>
<td>Breakfast Focus Group Networking Meetings</td>
</tr>
<tr>
<td>09.00 - 10.00</td>
<td>Coffee, Posters and Exhibition</td>
</tr>
<tr>
<td>10.00 - 10.45</td>
<td><strong>1. UKICRS - Title TBC</strong></td>
</tr>
<tr>
<td></td>
<td>Session Chair: Dr Andrew Parker, Molecular Profiles</td>
</tr>
<tr>
<td></td>
<td>Speakers: Prof Barbara Conway, University of Huddersfield, Dr Vitaly Khutoryanskiy, University of Reading</td>
</tr>
<tr>
<td></td>
<td>2 x Short Papers from submitted Abstracts</td>
</tr>
<tr>
<td>10.45 - 12.15</td>
<td><strong>2. Medicinal Chemistry</strong></td>
</tr>
<tr>
<td></td>
<td>Session Chair: Prof Simon Mackay, University of Strathclyde</td>
</tr>
<tr>
<td></td>
<td>Speakers: Prof Ian Stratiford, University of Manchester, Prof Mark Searcey</td>
</tr>
<tr>
<td></td>
<td>2 x Short Papers from submitted Abstracts</td>
</tr>
<tr>
<td>12.15 - 13.30</td>
<td>Lunch, Posters and Exhibition</td>
</tr>
<tr>
<td>12.30 - 13.30</td>
<td>APS Annual General Meeting</td>
</tr>
<tr>
<td>13.30 - 15.00</td>
<td><strong>1. UKICRS - Drug delivery; options for delivery routes - Nasal drug delivery</strong></td>
</tr>
<tr>
<td></td>
<td>Session Chair: Dr Samuel Pygall, MSD</td>
</tr>
<tr>
<td></td>
<td>Speakers: Dr Dennis Christensen, Statens Serum Institut, Dr Andy Lewis, Critical Pharmaceuticals</td>
</tr>
<tr>
<td></td>
<td>2 x Short Papers from submitted Abstracts</td>
</tr>
<tr>
<td>15.00 - 15.45</td>
<td><strong>2. Drugs from natural sources</strong></td>
</tr>
<tr>
<td></td>
<td>Session Chair: TBC</td>
</tr>
<tr>
<td></td>
<td>Speakers: Prof Herrmann Stupner, University of Innsbruck, Austria, Dr Gunter Eckert, Goethe-University of Frankfurt, Germany</td>
</tr>
<tr>
<td></td>
<td>2 x Short Papers from submitted Abstracts</td>
</tr>
<tr>
<td>15.45 - 17.15</td>
<td><strong>3. Process Engineering</strong></td>
</tr>
<tr>
<td></td>
<td>Session Chair: Dr Kendal Pitt, GSK</td>
</tr>
<tr>
<td></td>
<td>Speakers: Prof Kleinebudde, Prof Gerald Steele, Loughborough University, UK</td>
</tr>
<tr>
<td></td>
<td>2 x Short Papers from submitted Abstracts</td>
</tr>
<tr>
<td>17.15 - 17.30</td>
<td>Poster Awards</td>
</tr>
<tr>
<td>17.30 - 18.30</td>
<td><strong>Plenary APS Award Lecture Dr Steve Wicks</strong>, University of Greenwich</td>
</tr>
<tr>
<td>20.00</td>
<td>APS “Black Tie” Dinner</td>
</tr>
</tbody>
</table>
Friday 2\textsuperscript{nd} September 2011

08.00 - 09.00  Breakfast Focus Group Networking Meetings

09.00 - 09.45  GSK Award Lecture

09.45 - 10.15  Coffee, Posters and Exhibition

10.15 - 11.45  1. Short Papers in Pharmaceutics  
Session Chair: Dr Helen Barker, Pfizer  
6 x Short Papers from submitted Abstracts

2. Nanoscience  
Session Chair: Prof Jayne Lawrence, King’s College  
$\text{Speaker: Helen Hailes, University College London}$  
2 x Short Papers from submitted Abstracts

3. Regenerative Medicine  
Session Chair: Dr Helen Barker, Pfizer  
$\text{Speaker: Prof Kevin Shakesheff, University of Nottingham}$  
2 x Short Papers from submitted Abstracts

4. UK, Europe, China Collaboration 1  
Session Chair: Prof Peter York, University of Bradford  
$\text{Speaker: Prof Jiwen Zhang, Shanghai Institute of Materia Medica}$  
2 x Short Papers from submitted Abstracts

11.45 - 12.30  Plenary lecture by Prof Randall Mrnsy, University of Bath

12.30 - 13.30  Lunch, Posters and Exhibition

13.30 - 15.00  1. Short Papers in Pharmaceutics  
Session Chair: TBC  
6 x Short Papers from submitted Abstracts

2. Nanoscience  
Session Chair: Dr Francesca Greco, University of Reading  
$\text{Speakers: Dr Helinor Johnston, Heriot Watt University Edinburgh,}$  
$\text{Prof Cameron Alexander, University of Nottingham}$  
2 x Short Papers from submitted Abstracts

3. Education  
Session Chairs: Dr Claire Martin, University of Wolverhampton, Prof Prem Raj  
$\text{Speakers: TBC}$

4. UK, Europe, China Collaboration 2  
Session Chair: Dr James Tang, University of Wolverhampton  
$\text{Speakers: Prof Zhong Wei Gu, Sichuan University, Dr James Tang, University of Wolverhampton}$  
2 x Short Papers from submitted Abstracts

15.00 - 15.15  Closing Ceremony  
$\text{Speakers: Prof Richard Guy, Conference Chair, University of Bath,}$  
$\text{Prof Martin Snowdon, APS Chair, University of Greenwich}$

---

**Exhibition Opportunities**
PharmSci 2011 will be the country’s largest gathering of industrial scientists, academics, management and technicians involved in the “Science of Medicines” and will feature a vibrant exhibition.

**The Exhibitor Package**
Exhibitors will have the opportunity of taking a floor space, shell scheme or table top stands for the three days of the conference.

Floor space and shell schemes are available at £250+VAT per square metre and include a twin 13 amp socket, 2 spotlights and 1 delegate pass.

Table tops cost £1000+VAT and include 2m x 2m space, 1 table, 2 chairs and 1 delegate pass.

Full details can be found on the website [www.ukpharmsci.org](http://www.ukpharmsci.org) along with an interactive exhibition floorplan.

If you would like to discuss exhibiting or sponsoring at PharmSci 2011 in greater depth, please contact:

**Alan Ramsay or Bob Seager**
Tel: + 44 (0)116 269 2299
Email: info@ukpharmsci.org
Accommodation

We have negotiated a very competitive rate of £44.50 +VAT per night in single study bedrooms in the Cavendish and Rutland Halls on University Park, both of which are just a few minutes walk from the East Midlands Conference Centre. Bed & breakfast accommodation is available for the following nights:

- Tuesday 30th August
- Wednesday 31st August
- Thursday 1st September

All rooms include:

- Welcome pack with toiletries
- Full English Breakfast
- Free internet Access
- En-suite bathroom facilities
- Tea & Coffee making facilities

To Book:
Telephone the booking line on 0115 846 8000 between 8.45 hrs and 17.00 hrs and quote reference “PharmSci 2011”. The booking line is open now and will close on Friday 19th August, after this date the special rate of £44.50 will no longer be available.

Notes for delegates

Registration Notes
NAME and ORGANISATION
Please supply the details in the way that you would like them to appear on your conference name badge. The use of first names is preferred to initials.

Package Deals
3 Day Package Offer
The 3 day package deal includes attendance at the conference sessions on Wednesday, Thursday and Friday, all tea and coffee as well as lunch on all 3 days. It also includes the Social Programme on Wednesday evening. Please note that the package deal does not include attendance at the APS Black Tie Dinner on Thursday evening (if you wish to attend the APS Black Tie Dinner please add this from the Modular Registration Options).

Modular Options
Wednesday 31st August
Includes attendance at the conference sessions on Wednesday, morning coffee, lunch and afternoon tea and attendance at the Social Programme on Wednesday Evening.

Thursday 1st September
Includes attendance at the conference sessions on Thursday, morning coffee, lunch and afternoon tea. Attendance at the APS Black Tie Dinner is NOT included.

Friday 2nd September
Includes attendance at the conference sessions on Friday, morning coffee, lunch and afternoon tea.

APS Black Tie Dinner (Thursday 1st September)
Please note that this option does NOT include attendance at the conference sessions.

Payment
Full payment must be received prior to the commencement of the conference on Wednesday 31st August.

Cancellations
Cancellations can be made up to three weeks before the commencement of the event (Wednesday 10th August). In all cases, 25% of the fees will be retained to cover administrative expenses.

Delegate substitutions are permitted at any time.

In the event of cancellation by the organisers, liability will be limited to the return of fees actually paid.
BEFORE COMPLETING THIS FORM IN BLOCK CAPITALS, PLEASE REFER TO THE NOTES FOR DELEGATES

When complete, this form (together with confirmation of payment arrangements) should be sent to:

**Mr** [ ]  **Mrs** [ ]  **Dr** [ ]  **Prof** [ ]  **Other** [ ]

For Office use only [ ]

First name [ ]

For Office use only [ ]

For Office use only [ ]

For Office use only [ ]

First name [ ]

Organisation [ ]

Address [ ]

Country [ ]

Telephone [ ]

Fax [ ]

email [ ]

Closing Date for Registrations: Friday 12th August 2011

---

### Package Deals

<table>
<thead>
<tr>
<th>Student</th>
<th>Academic</th>
<th>Industry</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3 Day Package Deal</strong> (All 3 days 31st August - 2nd September)</td>
<td>£180</td>
<td>£396</td>
<td>£624</td>
</tr>
</tbody>
</table>

### Modular Options

<table>
<thead>
<tr>
<th>Day</th>
<th>Student</th>
<th>Academic</th>
<th>Industry</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday 31st August</td>
<td>£66</td>
<td>£150</td>
<td>£234</td>
<td></td>
</tr>
<tr>
<td>Thursday 1st September</td>
<td>£66</td>
<td>£150</td>
<td>£234</td>
<td></td>
</tr>
<tr>
<td>Friday 2nd September</td>
<td>£66</td>
<td>£150</td>
<td>£234</td>
<td></td>
</tr>
</tbody>
</table>

**SUB TOTAL**

If you are an APS Member tick this box to claim your 5% discount [ ]

ALL THOSE REGISTERED BY 1ST JULY ATTRACT AN EARLY BIRD DISCOUNT OF 10% [ ]

### APS Black Tie Dinner (Thursday 1st)

<table>
<thead>
<tr>
<th>APS Members</th>
<th>APS Non-Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>£20</td>
<td>£50</td>
</tr>
</tbody>
</table>

**SUB TOTAL**

All prices are inclusive of VAT @ 20%

**TOTAL FEE PAYABLE**

---

**Payment**

Payment may be made by:

1. Cheque: Please make cheques payable to Academy of Pharmaceutical Sciences
3. By Credit Card (VISA, Mastercard, Eurocard and Amex): If you wish to take advantage of this service, please provide the following information:-

<table>
<thead>
<tr>
<th>Card type</th>
<th>VISA [ ]</th>
<th>Eurocard [ ]</th>
<th>Mastercard [ ]</th>
<th>AmEx [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Card No.</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Start dates</td>
<td>[ ]</td>
<td>Expiry date</td>
<td>Issue No.</td>
<td></td>
</tr>
</tbody>
</table>

Name and address of registered Cardholder (if different from delegate details provided)

Signature of Cardholder

---

Data Protection: By completing and returning this form you agree to allow The Academy of Pharmaceutical Sciences to hold and process data about your registration on computer and to pass this information on to any third parties as may be required to ensure efficient administration of the event. The Academy of Pharmaceutical Sciences does not sell or rent any data to any other companies or organisations.
Notes for Delegates

Registration Notes
NAME and ORGANISATION
Please supply the details in the way that you would like them to appear on your conference name badge. The use of first names is preferred to initials.

Package Deals
3 Day Package Offer
The 3 day package deal includes attendance at the conference sessions on Wednesday, Thursday and Friday, all tea and coffee as well as lunch on all 3 days. It also includes the Social Programme on Wednesday evening. Please note that the package deal does not include attendance at the APS Black Tie Dinner on Thursday evening (if you wish to attend the APS Black Tie Dinner please add this from the Modular Registration Options).

Modular Options
Wednesday 31st August
Includes attendance at the conference sessions on Wednesday, morning coffee, lunch and afternoon tea and attendance at the Social Programme on Wednesday Evening.

Thursday 1st September
Includes attendance at the conference sessions on Thursday, morning coffee, lunch and afternoon tea. Attendance at the APS Black Tie Dinner is not included.

Friday 2nd September
Includes attendance at the conference sessions on Friday, morning coffee, lunch and afternoon tea.

APS Black Tie Dinner (Thursday 1st September)
Please note that this option does not include attendance at the conference sessions.

Payment
Full payment must be received prior to the commencement of the conference on Wednesday 31st August.

Cancellations
Cancellations can be made up to three weeks before the commencement of the event (Wednesday 10th August). In all cases, 25% of the fees will be retained to cover administrative expenses.

Delegate substitutions are permitted at any time.

In the event of cancellation by the organisers, liability will be limited to the return of fees actually paid.