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apsgb.org

UK  
**PharmSci**  
2010

## The Science of Medicines

1st – 3rd September 2010

East Midlands Conference Centre, University Park, Nottingham NG7 2RJ, UK

The premier conference for pharmaceutical scientists in the United Kingdom in 2010, so be sure to book your place.

For further details and online registration visit

[www.ukpharmsci.org](http://www.ukpharmsci.org)

Lead Sponsors

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# Welcome to UK-PharmSci 2010

[www.ukpharmsci.org](http://www.ukpharmsci.org)

The Academy of Pharmaceutical Sciences are pleased to announce their Inaugural Science Conference UK-PharmSci 2010 ...The Science of

The **UK-PharmSci Conference 2010** 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.

With over 350 abstract submissions there will be a large poster session and over 40 podium presentations from selected abstracts as well as over 50 5 minute poster bites.

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



**Conference Chair**  
Professor Kevin Shakesheff  
University of Nottingham



**Chair of the Academy of Pharmaceutical Sciences**  
Dr Eddie French  
Pfizer Global R&D



**RPSGB Award Lecture**  
Professor Ravi Kumar  
University of Strathclyde

## ...as well as APS Fellows



**Particle Design and Engineering - Innovations For Inhalation**  
Professor Peter York  
University of Bradford



**Bioavailability Issues in Dermal Delivery**  
Professor Jonathan Hadgraft  
University of London



**Physical Characterisation of Disperse Systems**  
Professor Graham Buckton  
University of London

## ...and International Speakers



**Pharmaceutical Cocrystals to Modify Physico-Chemical and Dissolution Profile of APIs**  
Professor Ashwini Nangia  
University of Hyderabad, India



**Emerging Trends; Characterisation of Mesoporous Silica Inclusion Compounds**  
Professor Johan Martens,  
University of Leuven, Belgium



**Using Predictive Tools For Rapid Formulation Development**  
Dr Bruno Hancock  
Pfizer, USA



**Biopharmaceutics of Large Molecules**  
Professor Chris Porter  
Monash University, USA



**Quality by Design**  
Dr Fernando J Muzzio  
Rutgers University, USA



**Drug delivery opportunities in China**  
Professor Jiwen Zhang  
Shanghai Institute of Material Medica, China

**Medicines.** This will be the premier conference for pharmaceutical scientists in the United Kingdom in 2010, so be sure to book your place.



# The Science

1st – 3rd September 2010, East Midlands

## Programme highlights

### Wednesday 1st September

08.30 - 09.30 Coffee & Registration

09.30 - 09.45 **Welcome & Introduction**

Speakers; **Prof. Kevin Shakesheff**, Conference Chair, University of Nottingham & **Dr Eddie French**, APS Chair, Pfizer

09.45 - 10.15 **RPSGB Science Award Lecture.** Presented by: **Prof. Ravi Kumar**, University of Strathclyde

10.15 - 11.00 Coffee, Posters and Exhibition

11.00 - 12.30 A choice of 4 parallel sessions:

#### 1. Material Science - Crystal and Particle Engineering

Session Chair: **Dr Marcel de Matas**, University of Bradford

Speaker: **Prof. Ashwini Nangia**, University of Hyderabad, India

#### 2. Delivery Technologies for Biotherapeutics

Session Chair: **Dr James Birchall**, Cardiff University

Speaker: **Dr Kevin King**, Pfizer

#### 3. Analysis of Drug Inclusion Products 1

Session Chair: **Mr Malcolm Dash**, MHRA

Speakers: **Prof. Yvonne Perrie**, Aston University; **Dr Abigail Moran**, MHRA

#### 4. Bioavailability issues in dermal delivery...

Session Chair: **Prof. Adrian Davis**, Limeway Consulting

Speakers: **Prof. Richard Guy**, University of Bath; **Prof. Jonathan Hadgraft**, University of London; **Mr Sean Jones**, MHRA

12.30 - 13.45 Lunch, Posters and Exhibition

13.45 - 15.45 A choice of 4 parallel sessions:

#### 1. Material Science - Inhalation

Session Chair: **Dr Gavin Reynolds**, AstraZeneca

Speakers: **Prof. Peter York**, University of Bradford; **Mr David Hipkiss**, Prosonix Ltd

#### 2. Biotherapeutic Formulation Interfaces

Session Chair: **Dr Barry Moore**, Xstalbion

Speakers: **Dr Paul Matejtschuk**, Health Protection Agency; **Dr Ahmed Yasin**, GlaxoSmithKline

#### 3. Analysis of Drug Inclusion Products 2

Session Chair: **Dr Arthur Andrews**, Joint Pharmaceutical Analysis Group

Speakers: **Prof. Graham Buckton**, University of London; **Prof. Johan Martens**, University of Leuven, Belgium

#### 4. Aspects of compromised skin barrier function

Session Chair: **Dr Majella Lane**, University of London

Speakers: **Dr Mike Walker**, Convatec; **Prof. Alan Cottenden**, University College, London

15.45 - 16.15 Tea, Posters and Exhibition

16.15 - 18.15 A choice of 4 parallel sessions:

#### 1. Material Science - Process Engineering for solid formulations

Session Chair: **Dr Gavin Reynolds**, AstraZeneca

Speakers: **Dr Rachel Bridson**, University of Birmingham; **Dr Bruno Hancock**, Pfizer, USA

#### 2. Biopharmaceutics of Large Molecules

Session Chair: **Dr Ben Forbes**, King's College London

Speakers: **Prof. Chris Porter**, Monash University, Australia; **Prof. Balaji Agoram**, Pfizer

#### 3. Analysis of Drug Inclusion Products 3

Session Chair: **Mr Ken Leiper**, Joint Pharmaceutical Analysis Group

Speakers: **Prof. Chris Frampton**, Pharmorphix; **Dr David Elder**, GlaxoSmithKline

Including: *Presentation of Geoffrey Phillips Analytical Science Award*

#### 4. Anti Infectionives

Session Chair: **Prof. Stephen Denyer**, Cardiff University; **Dr Brendan Gilmore**, Queen's University Belfast

18.15 - 19.00 Posters and Exhibition

19.00 - 00.00 Pasta Supper and Jazz Bar

## Programme highlights

### Thursday 2nd September

08.30 - 10.30 A choice of 4 parallel sessions:

#### 1. New Scientist Focus Group

Session Chair: **Dr Helen Barker**, Pfizer; **Dr Hannah Batchelor**, AstraZeneca

Speakers: **Dr Trevor Keel**, Gold Innovations; **Dr Brian Jones**, University of Brighton

#### 2. Pharmaceutical Technologies

Session Chair: **Dr Vitaliy Khutoryanskiy**, University of Reading

Speakers: **Prof. Tony D'Emanuele**, UCLan; **Dr Lea Ann Dailey**, King's College London;

#### 3. Regenerative Medicine 1 - Cell Therapies

Session Chair: **Prof. Molly Stevens**, Imperial College London; **Prof. Kevin Shakesheff**, University of Nottingham

Speakers: **Dr John Sinden**, Reneuron Group plc; **Prof. Stephen Minger**, GE Healthcare

#### 4. Medicinal Chemistry

Session Chair: **Prof. Donald Cairns**, The Robert Gordon University

Speaker: **Prof. Simon Mackay**, University of Strathclyde

10.30 - 11.15 Coffee, Posters and Exhibition

11.15 - 12.00 GlaxoSmithKline Emerging Scientist Plenary Lecture Award

12.00 - 13.15 Lunch, Posters and Exhibition

12.15 - 13.00 APS Annual General Meeting

13.15 - 15.00 A choice of 4 parallel sessions:

#### 1. Therapeutics - Paediatrics and Geriatrics

Session Chair: To be confirmed

#### 2. Pharmaceutical Technologies

Session Chair: **Dr Ian Robertson**, Colorcon

Speakers: **Dr Catherine Tuleu**, University of London; **Dr Carl Mroz**, Colorcon;

**Dr John Hemenstall**, GlaxoSmithKline; **Dr Jenny Walsh**, AstraZeneca

#### 3. Regenerative Medicine 2 - Drug Discovery and stem cells

Session Chair: **Prof. Molly Stevens**, Imperial College London; **Prof. Kevin Shakesheff**, University of Nottingham

Speaker: **Prof. Stephan Przyborski**, Reinnervate Ltd & Durham University

#### 4. Medicinal Chemistry - Natural Products

Session Chair: **Prof. Donald Cairns**, The Robert Gordon University

Speaker: **Dr Jose Prieto**, University of London

15.00 - 15.30 Tea, Posters and Exhibition

15.30 - 17.30 A choice of 4 parallel sessions:

#### 1. Biopharmaceutics - Enabling Early Formulation Development

Session Chair: **Dr Mark McAllister**, Pfizer; **Dr Paul Dickinson**, AstraZeneca

Speakers: **Dr Joanne Bennett**, Pfizer; **Dr James Butler**, GlaxoSmithKline

#### 2. Pharmaceutical Technologies

Session Chair: **Dr Karl Malcolm**, Queen's University Belfast

Speakers: **Dr Andreas Schatzlein**, University of London; **Dr Helen McCarthy**, Queen's University Belfast;

**Dr Giuseppe Battaglia**, University of Sheffield

#### 3. Regenerative Medicine 3 - Materials and Tissue Engineering

Session Chair: **Prof. Molly Stevens**, Imperial College London; **Prof. Kevin Shakesheff**, University of Nottingham

Speaker: **Dr John Barry**, Baxter Innovations

#### 4. Medicinal Chemistry - Industrial Aspects

Session Chair: **Prof. Donald Cairns**, The Robert Gordon University

Speaker: **Dr David Lathbury**, AstraZeneca

17.30 - 18.15 Poster Prizes followed by the APS Plenary Lecture sponsored by AstraZeneca

20.00 APS "Black Tie" Dinner

## Programme highlights

### Friday 3rd September

09.00 - 09.15 Welcome and Introduction

09.15 - 10.45 SME Showcase in Pharmaceutical R&D

10.45 - 11.15 Coffee, posters and exhibition

11.15 - 12.45 A choice of 4 parallel sessions:

#### 1. Student Guide to Drug Development 1

Session Chair: **Dr Eddie French**, Pfizer

#### 2. Quality by Design 1

Session Chair: **Dr Mike Parker**, AstraZeneca

Speakers: **Dr Simon Holland**, GlaxoSmithKline; **Dr Fernando J Muzzio**, Rutgers University, USA

#### 3. Interdisciplinary Research in Pharmaceutical Sciences 1

Session Chair: **Dr Francesca Greco**, University of Reading

#### 4. UK, China, India Science Bridge Collaboration 1

Session Chair: **Prof. Kevin Shakesheff**, University of Nottingham

Speaker: **Prof. Jiwen Zhang**, Shanghai Institute of Material Medica, China

**Dr Gino Martini**, GlaxoSmithKline

12.45 - 13.45 Lunch, posters and exhibition

13.45 - 15.15 A choice of 4 parallel sessions:

#### 1. Short Talks in Pharmaceutical Sciences and CV Workshop

Session Chair: To be confirmed

#### 2. Quality by Design 2

Session Chair: **Dr Mike Parker**, AstraZeneca

Speaker: **Dr Liz Meehan**, AstraZeneca

#### 3. Interdisciplinary Research in Pharmaceutical Sciences 2

Session Chair: To be confirmed

#### 4. UK, China, India Science Bridge Collaboration 2

Session Chair: **Prof. Kevin Shakesheff**, University of Nottingham

Speaker: **Dr Pradip Bhatnagar**, Ranbaxy Laboratories Limited

15.15 - 16.15 BioPharm UK- India: Biotechnology Business Challenge Awards Ceremony

16.15 Tea and Departure

Full details of all **parallel sessions** can be found on the website [www.ukpharmsci.org](http://www.ukpharmsci.org)

## Exhibition Opportunities



**UK-PharmSci 2010** will be the countries 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 stand for the two or three days of the conference.

The options are:

**2 days:** Wednesday 1st & Thursday 2nd September at **£255+VAT per square metre**

or **3 days:** Wednesday 1st to Friday 3rd September at **£295+VAT per square metre**.

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

If you would like to discuss exhibiting or sponsoring at **UK-PharmSci 2010** in greater depth, please contact:

**Chris Hanney**

Tel: + 44 (0) 20 8749 6471

Mob: + 44(0) 7939 201 324

Email: [chrishanney@ukpharmsci.org](mailto:chrishanney@ukpharmsci.org)

## Accommodation



We have negotiated a very competitive rate of **£43.70 +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 31st August
- Wednesday 1st September
- Thursday 2nd 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 8.45hrs and 17.00 hrs and quote reference **"UK-PharmSci 2010"**.

The booking line is open now and will close on Friday 20th August, after this date the special rate of £43.70 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 Pasta Supper 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 1st September

Includes attendance at the conference sessions on Wednesday, morning coffee, lunch and afternoon tea and attendance at the Pasta Supper on Wednesday Evening.

#### Thursday 2nd 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 3rd September

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

#### APS Black Tie Dinner (Thursday 2nd September)

Please note that this option does not include attendance at any of conference sessions.

### Payment

Full payment must be received prior to the commencement of the conference on Wednesday 1st September.

### Cancellations

Cancellations can be made up to three weeks before the commencement of the event (Wednesday 11th 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.