

For full program details: [www.thebts.org/program.html](http://www.thebts.org/program.html)

# British Toxicology Society Annual Congress

30 March - 2 April 2003

a key meeting in your calendar for high quality updates on a wide range of topical toxicology themes

disseminating scientific advances and regulatory developments

symposia choice – mainstream toxicology plus specialisations

continuing education in toxicology, professional development

informal discussion groups, networking, and careers links

a cost-effective option with low registration fees

**Day 1** Sunday 30 March

## Meeting Commencement & Continuing Education Program

### Continuing Education Programme (CEP)

Risk Assessment of pharmaceuticals, agrochemicals and food.

*Speakers to be announced*

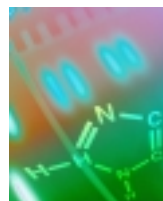
### Evening lecture

#### Cloning, Stem Cells and Pharmacogenetics

*Professor Ian Wilmut (Roslin Institute)*



THE BRITISH TOXICOLOGY SOCIETY



**Day 2** Monday 31 March

## Symposia

### The Cellular Stress Response: Mechanisms and Markers (Monday AM)

Joint session with the In Vitro Toxicology Society (IVTS)

*Chair: Jim Stevens (Lilly, USA)*

- Overview of the Stress Response
- The role of Nrf2 in protecting against oxidative stress
- Heat-shock proteins
- DNA Damage and the stress response
- Applications in toxicology

*Invited speakers: Jonathan Moggs (Syngenta, Macclesfield), John Hayes (Dundee), Mike Cheetham (London), Ian Hickson (Oxford), Jim Stevens (Lilly, USA).*

### The Mechanistic Basis of Adverse Effects (Monday AM)

Session sponsored by the Occupational Toxicology Speciality Section

*Chair: John Ashby (Syngenta, Macclesfield)*

- Regulatory problems caused by the difficulty of defining adverse effects.

- Use of genomics to distinguish adverse from adaptive effects in the liver.
- Adverse effects caused by endocrine disrupters.
- Species differences in the response to lung toxicants.
- Relevance of rodent cancers to human safety assessment of tamoxifen.

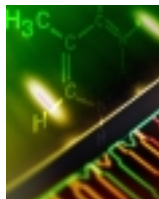
*Invited speakers: Richard Lewis, (Syngenta, Macclesfield), Kevin T. Morgan (Aventis, USA), Bob Chapin (Pfizer, USA), John Foster (AstraZeneca, Macclesfield), David Phillips (Institute of Cancer Research, UK)*

### Novel Biomarkers of Pathological Change in Mammals (Monday PM)

Sponsored by Taylor and Francis, Publishers

*Chair: John Timbrell (London)*

- Types of biomarkers and the challenges for new biomarkers
- Novel Biomarkers for Phospholipidosis.
- Exhaled biomarkers in disease.
- Serum pneumoproteins as novel biomarkers of lung damage.
- Novel biomarkers of hepatotoxicity detected using proteomics.



**Registration:** [www.thebts.org/booking.html](http://www.thebts.org/booking.html)

*Invited speakers: John Timbrell (London), Cathy Waterfield (GSK), S.Kharitonov (London), A. Bernard (Brussels), Mike Kelly (Oxford Glycosciences)*

### Better Medicines for Children – the Role of Juvenile Animals in Paediatric Drug Development (Monday PM)

Organised by the Regulatory Toxicology Speciality Subsection

*Chair: Paul Baldrick (Covance)*

- Paediatric studies – are they needed? A clinical perspective
- Juvenile animals – what's the use? A regulatory view
- Animals in paediatric drug development – predictive models or confounding factors?
- A paediatric medicine – the utility of juvenile animals. A case study
- A paediatric/adult medicine – the utility of juvenile animals. A case study

*Invited speakers include: Klaus Rose (Novartis, Switzerland), Henry Stemplewski (MCA, UK), Jim Ridings (Covance), David Clarke (Lilly, USA), Gill Dines (GSK)*

**Day 3** Tuesday 1 April

## Symposia

### Gene Therapy – Toxicology by the Back Door (Tuesday AM)

*Chair: Nigel Gooderham (London)*

- Gene therapy approaches to the treatment of cancer.
- Cytochrome P450-based cancer gene therapy
- Virus-directed, enzyme prodrug therapy – nitroimidazole reductase.
- Gene therapy with p53
- Gene therapy – is it safe?

*Invited speakers: L. Seymour (Oxford), D.Waxman (Boston, USA), V.Mautner (Birmingham), N.Habib (Hammersmith), Lincoln Tsang (MCA)*

### Transgenic Systems – Applications in Toxicology (Tuesday AM)

*Chair: Keith Campbell (Nottingham)*

- Overview of transgenic models
- C. elegans P450 reductase knock-out
- Mouse hepatic P450 reductase knock-out
- The use of transgenic models for the study of the PB receptor, CAR
- Studies of Haem Oxygenase – Luciferase transgenic constructs



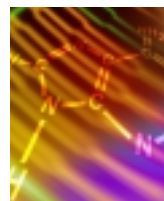
*Invited speakers: S.L.Kelly (Aberystwyth), Colin Henderson (Dundee), Masahiko Negishi (NIEHS, USA), Keith Campbell, Anthony Lynch (GSK)*

### Oral Communications and Poster Session (Tuesday PM)

### Study Directors Workshop (Tuesday PM)

### Barnes Award Lecture (Tuesday PM) Cancer Genetics

*Professor Julian Peto*



**Day 4** Wednesday 2 April

## Symposia

### Receptor-mediated Toxicity; the Ah Receptor / Dioxin Paradigm for Risk Assessment (Wednesday AM)

*Chair: David Bell (Nottingham)*

- Function of the AhR
- Mechanism and structure of AhR
- Dioxin toxicity and its interaction with porphyria
- Mechanisms of dioxin toxicity in dioxin-resistant and non-resistant species and strains
- The FSA risk assessment of dioxin

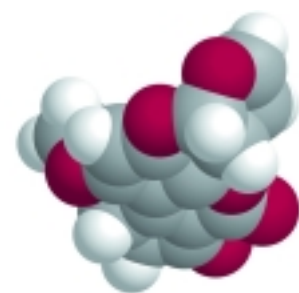
*Invited speakers: Chris Bradfield (Madison, USA), David Bell (Nottingham), Andy Smith (Leicester), Raimo Pohjanvirta (Kuopio, Finland), Andy Renwick (Southampton)*

**Concludes** midday Wednesday 2 April

For details on meeting registration, venue and other information see overleaf

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## Barnes Award Lecture

The prestigious Barnes Award Lecture will be given on Day 3 (Tuesday 1 April) by Professor Julian Peto on 'Cancer Genetics'

## Careers Fair **NEW!**

A mini careers fair is scheduled with toxicology career-related displays, presentations, and information packs (Organisers: BTS Education Sub-Committee / Young Toxicologists Committee/ Communications Sub-Committee).

## Oral Communications and Poster Sessions

Short oral communications and poster sessions addressing a wide spectrum of toxicological science will be held on conference Day 3 (Tuesday 1 April). See also 'Abstract submission' section (next page).

## Study Directors Workshop

The Study Director workshop with case studies and analysis relevant to the practical conduct of safety evaluation toxicology studies takes place on conference Day 3 (Tuesday 1 April).

## Young Investigator Prize Lecture

The award lecture will take place on Day 2 (Monday 31 March).

## Norman Aldridge Travelling Fellowship

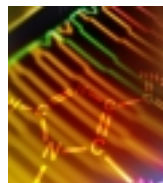
Nominations for this award should be sent to Professor Kevin Chipman, University of Birmingham, School of Biosciences, Edgbaston, Birmingham B15 2TT (see BTS website for details).

## Continuing professional development (CPD)

A teaching seminar introducing new and emerging technologies and concisely updating professional knowledge will be covered in the highly regarded BTS Continuing Education Program (details given overleaf). Attendance of the main meeting and CEP is recognised by the Society and by the UK Register of Toxicologists for the purposes of accreditation.

## BTS AGM

The BTS Annual General Meeting will be held on Day 2 (Monday 31 March). All BTS members are encouraged to attend. Speciality Section AGM's will be held at lunchtime on Day 3 (Tuesday 1 April).



## Meeting registration procedures / Conference fees

Procedures for registration are accessible via: [www.thebts.org/booking.html](http://www.thebts.org/booking.html)

As an alternative, contact: BTS Administrative Office, PO Box 249, Macclesfield, SK11 6FT, UK. Telephone +44 (0) 1625 267881 Fax +44 (0) 1625 267879

[btsregistration@resources.demon.co.uk](mailto:btsregistration@resources.demon.co.uk)

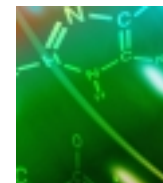
## Venue and travel information

The meeting is being held at the highly regarded Edinburgh Conference Centre at Heriot-Watt University. Edinburgh is well served with good road, rail and air links.

Advance travel planning information for the conference venue is available from [www.eccscotland.com/webpages/help\\_travel/howtogetthere.htm](http://www.eccscotland.com/webpages/help_travel/howtogetthere.htm)

## Student bursaries

A number of student bursaries are available upon application (subject to eligibility requirements); refer to links at: [www.thebts.org/booking.html](http://www.thebts.org/booking.html) or contact the Conference Secretariat



## Abstract submission

Abstracts for brief oral communications or poster presentation are invited from BTS members and non-members. For details of how to submit abstracts see: [www.thebts.org/abstracts.html](http://www.thebts.org/abstracts.html)

Abstracts of meeting proceedings will be published in Toxicology, the BTS official journal [www.elsevier.nl/locate/toxicol](http://www.elsevier.nl/locate/toxicol)

Please note closing date for abstract submissions: 20 December 2002.

## Exhibitor information

An extensive trade exhibition is held at the conference. For enquiries regarding exhibition stand availability, contact [btsexhibition@resources.demon.co.uk](mailto:btsexhibition@resources.demon.co.uk)

## Social programme

A social program including opening reception and conference dinner is scheduled.

## Conference Secretariat / Registration of interest

Contact details for the Conference Secretariat, including any queries or requests for assistance, and for any early notification of interest in attending the meeting:

BTS Administrative Office, PO Box 249, Macclesfield, SK11 6FT, UK

Tel: +44 (0)1625 267881

Fax: +44 (0)1625 267879

[btsregistration@resources.demon.co.uk](mailto:btsregistration@resources.demon.co.uk)

## BTS Scientific Meetings Secretary

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Heriot Watt University  
Edinburgh, Scotland

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