

Other focused conferences during WorldPharma2010

- 1: Clinical pharmacology in emerging and developing countries
- 2: Transmembrane transport: perspectives for disease and drug discovery
- 3: Ion channels in analgesia and anaesthesia
- 4: Pharmacoepidemiology, current controversies and opportunities
- 5: Translational science in the metabolic syndrome: basic and clinical pharmacology

- 6: The heart gone wrong; stabilization of cardiac function
- 7: Simulation and data modelling in drug development. Better drugs faster?
- 8: Developments in the treatment of sexual dysfunction and diseases of the lower urinary tract
- 9: Inflammation and immunopharmacology: new tools for old diseases
- 10: Drugs for half the world: paediatric clinical pharmacology
- 11: G protein-coupled 7TM receptors:
from molecular to physiological function
- 12: Ion channelopathies:
new windows on complex disease and therapy
- 14: Addiction and doping:
neurobiological and clinical basis of emerging treatments
- 15: Endothelium in health and disease
- 16: Natural products: past and future?
- 17: New approaches and targets in psychiatry
- 18: Nuclear receptor targets for treatment of diseases

Danish Society for 
Pharmacology



BCPT
Basic & Clinical Pharmacology & Toxicology



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Please find further details on www.WorldPharma2010.org



WorldPharma2010

16th World Congress on Basic and Clinical Pharmacology.
July 17-23, 2010, Copenhagen, Denmark

WorldPharma2010 will include a
3-day focused conference on

**Maximising benefits and
minimising harms from
drugs**

21-23 July 2010

Abstract deadline 15 January 2010
Early bird registration deadline 15 March 2010

Invitation

July 17-23 2010 is the time for a major event for pharmacology, the science of how drugs affect the living organism. Basic and clinical pharmacology, kept separate for too long, have come together again to encompass the whole process of drug development from molecular biology to clinical practice. This remarriage is to be celebrated in Copenhagen; the world's basic and clinical pharmacologists and all those dealing with the development and use of drugs will meet to discuss how we can work together to meet the need for safe and effective medicines at affordable prices.

WorldPharma2010 is organised by the Danish Society for Pharmacology jointly with the British Pharmacological Society under the auspices of the International Union of Basic and Clinical Pharmacology, IUPHAR.

In the scientific programme, there will be plenary lectures, poster sessions, sponsored symposia, workshops, satellite meetings and focused conferences. Each of the 18 focused conferences contains 4 or 5 half-day sessions all belonging to the same theme. Overleaf is the detailed programme for the focused conference entitled:

"Maximising benefits and minimising harms from drugs"

The titles of the other focused conferences are listed on the back of the folder.

In each session there will be free communications as well. We promise you a scientifically excellent programme as well as the opportunity to savour the atmosphere of Copenhagen.



Kim Brøsen
President



Michael Mulvany
Secretary General

Congress secretariat

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Maximising benefits and minimising harms from drugs Organized by the British Pharmacological Society

Focused conference leaders: Kevin Park & Munir Pirmohamed

Session 1 Drug safety: the epidemiology

Chairpersons:
A. Breckenridge & K. van Grootheest

- Adverse drug reactions in hospitals
K. van Grootheest, Netherlands
- An industry perspective of drug safety
M. A. Ibarra, USA
- Drug regulation and drug safety
A. Breckenridge, UK
- Clinical toxicology perspective of drug safety
S. Thomas, UK

Session 2 Drug metabolism and drug toxicity

Chairpersons:
F. J. Gonzalez & K. Park

- The use of humanized mice in the study of drug toxicity
F. J. Gonzalez, USA
- Chemically reactive metabolites: separating fiction from facts
K. Park, UK
- The importance of studying mechanisms of cell death in toxicology
S. Orrenius, Sweden
- Pharmacogenetics of drug metabolism – TPMT as a paradigm
W. E. Evans, USA

Session 3 Pharmacogenomics and adverse drug reactions

Chairpersons:
S. J. Leeder & M. Pirmohamed

- The pharmacogenetics of drug hypersensitivity
S. Mallal, Australia - TBC
- Genetic predisposition to drug-induced liver toxicity
A. Daly, UK
- Severe adverse drug reactions in children
S. J. Leeder, USA
- Variability in response to anticoagulants
M. Pirmohamed, UK

Session 4 New technologies – will they help in developing safer drugs?

Chairpersons:
D. B. Goldstein & R. Goodacre

- Safety pharmacogenomics
D. B. Goldstein, USA
- Metabolomics and its role in predicting ADRs
R. Goodacre, UK
- Use of Omics in understanding mechanisms of ADRs
R. S. Paules, USA
- Systems biology of drug metabolism
U. M. Zanger, Germany

Session 5 New insights in the genetics of drug metabolism and action

Chairpersons:
R. M. Weinshilboum & M. Ingelman-Sundberg

- Molecular mechanisms of altered drug response
M. Ingelman-Sundberg, Sweden
- Genetic variability of adrenergic receptors
I. P. Hall, UK
- Genetic variability of pain perception and treatment
J. Lötsch, Germany
- Critical review of genotype-adapted drug therapy
R. M. Weinshilboum, USA