

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
- 13: Maximising benefits and minimizing harms from drugs
- 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



Printed in Denmark

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

**Addiction and doping:
neurobiological and
clinical basis of emerging
treatments**

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:

"Addiction and doping: neurobiological and clinical basis of emerging treatments"

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



ICS A/S Copenhagen

Strandvejen 169-171 - P.O. Box 41 - DK-2900 Hellerup, Copenhagen - Denmark
Email: WorldPharma2010@ics.dk - Phone: +45 7023 7823 - Fax: +45 7023 7888
www.worldpharma2010.org

Addiction and doping: neurobiological and clinical basis of emerging treatments

Focused conference leaders: Yavin Shaham & Markus Heilig

Session 1 Pharmacological treatment of opiate dependence - much achieved, much left to do

Chairpersons:
S. Walsh & Y. Hurd

- Efficacy of current pharmacotherapies for opioid dependence: what challenges remain?
S. Walsh, USA
- Neurobiological consequences of opioid exposure: Implications for pharmacotherapy development
Y. Hurd, USA
- Opioid polymorphisms: what is their role in expression of opioid dependence and response to treatment
C. Evans, USA
- Global impact of opioid pharmacotherapy: beyond heroin dependence
N. C. Clark, Switzerland

Session 2 Pharmacological treatments of alcohol dependence - illusion or opportunity?

Chairpersons:
R. Spanagel & B. J. Mason

- Targeting glutamate receptors – preclinical and clinical studies
R. Spanagel, Germany
- Targeting GABA receptors: role of GABAergic drugs
G. Addolorato, Italy
- Targeting nicotinic receptors
S. E. Bartlett, USA
- Gabapentin in alcoholism: from laboratory study to treatment
B. J. Mason, USA

Session 3 Craving and relapse to drug seeking: lessons from animal models and human brain imaging

Chairpersons:
P. W. Kalivas & Y. Shaham

- The brain circuitry of drug relapse
P. W. Kalivas, USA
- The role of the drug environment in relapse to drug seeking: lessons from rat studies
Y. Shaham, USA
- Imaging craving in human addicts: does it predict drug relapse?
R. Sinha, USA
- Incubation of cocaine craving in rats and humans
L. Lu, China

Session 4 The role of stress in the addictive process

Chairpersons:
G. F. Koob & M. Heilig

- The role of stress systems and the amygdale in addictive disorders
G. F. Koob, USA
- Stress related neuropeptides: candidate treatment targets in alcoholism
M. Heilig, USA
- Alcohol induced aggression: the role of CRH systems
K. A. Miczek, USA
- The role of kappa-opioid transmission in dysphoric states related to stress and addiction
C. Chavkin, USA

Session 5 Doping - an underestimated problem with many unknowns

Chairpersons:
H. G. Pope & A. Rane

- Societal aspects of doping
H. G. Pope, USA
- Anabolic steroid abuse: insights from drug testing results
G. I. Wadler, Canada - TBC
- Morbidity and mortality in users of anabolic androgenic steroids
I. Thiblin, Sweden
- Anabolic steroid addiction: insights from animals and humans
R. I. Wood, USA