

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: Maximising benefits and minimizing harms from drugs
- 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: Translational science in the metabolic syndrome: basic and clinical pharmacology
- 14: Addiction and doping:
neurobiological and clinical basis of emerging treatments
- 15: Endothelium in health and disease
- 16: Natural products: past and future?
- 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

**New approaches and
targets in psychiatry**

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 at this congress where 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:

"New approaches and targets in psychiatry"

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

2010 is approaching fast, and we suggest you make a note in your diary that July 17-23 will be spent in Denmark. 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



New approaches and targets in psychiatry

Sponsored by an unrestricted grant from H. Lundbek A/S

Focused conference leaders: David Nutt & Birte Glenthøj

Focused conference coordinator: Helle Mengel

Session 1 The pathophysiological basis for psychosis

Chairpersons:
A. A. Grace & A. Gjedde

- Hippocampal hyperactivity drives dopamine hyper-responsivity in an animal model of schizophrenia
A. A. Grace, USA
- Cortical and subcortical dopamine receptor interactions in sensation-seeking
A. Gjedde, Denmark
- Imaging the dopamine system in schizophrenia: imbalance between cortical and subcortical dopamine regulation
A. Abi-Dargham, USA
- Altered glutamate regulation in schizophrenia
L. V. Kristiansen, Denmark

Session 2 Exploring new targets in schizophrenia using translational science

Chairpersons:
P. J. Conn & T. H. Svensson

- Mutants in translation: can new models of schizophrenia provide new insight and targets?
J. L. Waddington, Ireland
- Biomarkers for translational science in schizophrenia
P. J. Uhlhaas, Germany
- Allosteric modulators
P. J. Conn, USA
- What can we learn from the existing drugs with atypical profiles?
T. H. Svensson, Sweden

Session 3 Clinical aspects of treatment with antipsychotics

Chairperson:
B. Glenthøj & S. Kapur

- Response prediction
S. Kapur, UK
- Antipsychotics, dopamine & glutamate
B. Glenthøj, Denmark
- Personalized procognitive pharmacotherapy in schizophrenia
A. Meyer-Lindenberg, Germany
- Cognitive enhancing treatment
P. D. Harvey, USA - TBC

Session 4 Exploring new targets in affective disorders using translational science

Chairpersons:
C. Lowry & D. J. Nutt

- Can we target specific neuronal populations to improve the efficacy and safety of antidepressants?
C. Lowry, USA
- In vivo approaches in preclinical models
A. Mørk, Denmark
- Using imaging as a translational tool for studying depression in humans
C. J. Harmer, UK
- Understanding current antidepressants' action as a way to develop improved therapies
D. J. Nutt, UK

Session 5 New pharmacological approaches for treatment of stress induced mood disorders

Chairpersons:
E. B. Binder & R. Leopardi

- Using gene x environment interactions to target personalised treatment in mood disorder
E. B. Binder, Germany
- Mechanism and novel targets for effective treatment of stress disorder
H. Reul, UK
- Can brain mechanism in PTSD help direct treatment advances?
E. Vermetten, Netherlands
- Treatment needs in psychosocial stress, exhaustion and depression
R. Leopardi, Switzerland