

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
- 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

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

**Nuclear receptor targets
for treatment of diseases**

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:

"Nuclear receptor targets for treatment of diseases"

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



Nuclear receptor targets for treatment of diseases

Supported by an unrestricted grant from Novo Nordisk Foundation

Focused conference leaders: Bart Staels & Vincent Laudet

National coordinator: Susanne Mandrup

Session 1 Nuclear receptors and metabolic control

Chairpersons:
D. J. Mangelsdorf & S. Mandrup

- Integration of lipid metabolism, inflammation and immunity by nuclear receptors
P. Tontonoz, USA
- From metabolism to development via nuclear receptors
B. Desvergne, Switzerland
- Nuclear receptor regulation of feeding and fasting
D. J. Mangelsdorf, USA
- PPARs and metabolic control in adipocytes
S. Mandrup, Denmark

Session 2 Nuclear receptors, vascular function and inflammation

Chairpersons:
C. Glass & B. Staels

- Nuclear receptor-dependent repression mechanisms that regulate inflammation
C. Glass, USA
- PPAR α and residual cardiovascular risk
B. Staels, France
- Mineralocorticoid receptor and vascular function
P. Fuller, Australia
- NR $4A$ nuclear receptors and vascular function
C. J. M. DeVries, The Netherlands

Session 3 Nuclear receptors in the CNS

Chairpersons:
M. T. Heneka & G. E. Landreth

- Glucocorticoid action in the brain and stress control during aging
O. F. Almeida, Germany
- Roles of PPAR γ in stroke
J. Aronowski, USA
- PPAR γ modulation in neurodegenerative disease
M. T. Heneka, Germany
- Liver X receptors as therapeutic targets in Alzheimer's disease
G. E. Landreth, USA

Session 4 The molecular basis of NR pharmacology

Chairpersons:
S. Kato & V. Laudet

- Structure of the intact PPAR-c-RXR - a nuclear receptor complex on DNA
F. Rastinejad, USA
- The global organization of nuclear receptor regulatory elements
G. Hager, USA
- The role of co-regulators/co-regulator complexes in NR function
S. Kato, Japan
- Evolution of nuclear receptors and of their ligands
V. Laudet, France