

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
- 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

**Natural products:
past and future?**

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:

"Natural products: past and future?"

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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Natural products: past and future?

Focused conference leaders: Zhi-Bin Lin, Tai-Ping Fan & Ricky Man

Focused conference coordinators: Paul Vanhoutte & Michael Mulvany

Session 1 Cardioprotection by natural products

Chairpersons:
R. Soares de Moura & D. Ku

- Red wine polyphenols
V. Schini-Kerth, France
- Dark chocolate
T. F. Lüscher, Switzerland - TBC
- Garlic
D. Ku, USA
- Fish oil and ω -3-unsaturated fatty acids
H. Shimokawa, Japan

Session 2 Products derived from one single plant with convincing pharmacological data in explaining their mechanism of action

Chairpersons:
Y. Zhang & R. Bauer

- Pharmacological and clinical research on Lingzhi (Ganoderma) in China
Z. -B. Lin, China
- Molecular actions of alkalimides from Echinacea explaining their immunomodulatory activity
R. Bauer, Austria
- Memory retrieval improvement by Ptychopetalum olacoides, a traditional Amazonian medicine
E. Elisabetsky, Brazil
- Pharmacological use of Borago officinalis
A. H. Gilani, Pakistan

Session 3 Multiple plant products: a matter of synergy

Chairpersons:
Z. Lin & T. Fan

- Defining the mechanism of action of Liuwei Dihuang Decoction with metabonomics
Y. -X. Zhang, China
- Danshen diwan
H. Sun, China
- Danshen synergy with arsenic
Z. Chen, China - TBC
- Choto-san and recognition behaviour
K. Matsumoto, Japan

Session 4 East meets West: from prevention to therapy

Chairpersons:
P. Vanhoutte & A. Herman

- Holistic treatment by traditional Chinese medicine
T. Fan, UK
- Philosophy of Ayurvedic medicine
A. Ray, India
- Contributions of plant-derived products to Western medicine
A. Herman, Belgium
- Systems biology and the future of traditional medicine
G. Luo, China - TBC

Session 5 Globalization of natural/traditional products

Chairpersons:
R. Man & M. Simmonds

- Geographical sustainability of natural products: as modelled by the Araliaceae family
Y. N. Zhuravlev, Russia
- Authentication of natural products
M. Simmonds, UK
- Standardization of natural products (chemical and biological finger printing)
Y. C. T. Chen, USA
- Regulatory affairs
J. Killen, USA