Other focused conferences during WorldPharma2010

1: Clinical pharmacology in emerging and developing countries
2: Transmembrane transport: perspectives for disease and drug discovery
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
18: Nuclear receptor targets for treatment of diseases

Danish Society for Pharmacology

BCPT Basic & Clinical Pharmacology & Toxicology

BPS

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Please find further details on www.WorldPharma2010.org

Printed in Denmark

IUPHAR international union of basic and clinical pharmacology

WorldPharma2010

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

WorldPharma2010 will include a 2-day focused conference on

Ion channels in analgesia and anaesthesia

19-20 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:

"Ion channels in analgesia and anaesthesia"

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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Ion channels in analgesia and anaesthesia

Organized by the British Pharmacological Society

Focused conference leaders: Clifford J. Woolf & Nicholas Franks

Session 1
Ion channel drug targets in the sensory nerve

Chairpersons:
P. McNaughton & S. G. Waxman

- Modulation of TRP channels: impact on pain sensation
  P. McNaughton, UK
- Voltage sensitive sodium channels in chronic pain states
  S. G. Waxman, USA
- Acid sensing ion channels in sensory perception
  E. Lingueglia, France
- TRP proteins on sensory nerves
  A. Patapoutian, USA

Session 2
Voltage-operated calcium channels as targets for analgesic action

Chairpersons:
A. Dolphin & T. P. Snutch

- Effects of gabapentinoids on voltage dependent calcium channels
  A. Dolphin, UK
- CaV(2) channels as targets for drug action
  T. P. Snutch, Canada
- Pharmacological regulation of T-type calcium channels in peripheral pain pathways
  S.Todorovic, USA
- Identification of T-type calcium channel blockers
  E. Bourinet, France

Session 3
Synaptic plasticity in analgesia-related pathways

Chairpersons:
C. J. Woolf & M. Christie

- Selective targeting ion channels for analgesia
  C. J. Woolf, USA
- Cellular neuroadaptations to chronic opioids
  M. Christie, Australia
- NMDA receptors and chronic pain hypersensitivity
  M. Salter, Canada
- Synaptic dis-inhibition in chronic pain states
  H. U. Zeilhofer, Switzerland

Session 4
Ion channels as molecular targets for general anaesthetics

Chairpersons:
N. Franks & M. Lazdunski

- Ion channels as targets for general anaesthetics
  N. Franks, UK
- Two pore domain potassium channels as targets for general anaesthetics
  M. Lazdunski, France
- GABAA receptors as targets for general anaesthetics
  N. L. Harrison, USA
- HCN channel subunit specific effects of general anaesthetics
  D. A Bayliss, USA