

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
- 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



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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
2-day focused conference on

**The heart gone wrong;
stabilization of
cardiac function**

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:

"The heart gone wrong; stabilization of cardiac function"

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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The heart gone wrong; stabilization of cardiac function

Focused conference leaders: Michael Sanguinetti & Lionel H. Opie

Session 1 Molecular mechanisms of arrhythmia

Chairpersons:
M. Sanguinetti & S. Olesen

- The cardiac hERG channel and arrhythmogenesis
M. Sanguinetti, USA
- Would modulating intracellular Ca be antiarrhythmic?
P. A. Boyden, USA
- Cardiac electrical remodeling in health and disease
D. S. Rosenbaum, USA
- Pharmacological modulation of cardiac potassium channels
S. Olesen, Denmark

Session 2 Novel anti-arrhythmics

*This session is supported by
an unrestricted grant from DaCRA*

Chairpersons:
S. Nattel & L. Carlsson

- Mechanisms of atrial fibrillation
S. Nattel, Canada
- Novel principles for pharmacological treatment of atrial fibrillation
L. Carlsson, Sweden
- Dronedaron for control of ventricular rate during atrial fibrillation: the ERATO study
J. -M. Davy, France
- Vernakalant - a therapy for conversion of recent-onset atrial fibrillation
D. Roy, Canada

Session 3 Novel treatments for systolic heart failure

Chairpersons:
L. H. Opie & K. R. Chien

- Metabolic perturbations, modulators and cardiac function
L. H. Opie, South Africa
- New therapeutic targets in heart failure
K. R. Chien, USA - TBC
- Effects of serotonin in the failing ventricle: potential therapeutic implications
F. O. Levy, Norway
- Phosphodiesterases and chronic heart failure
D. A. Kass, USA

Session 4 Treatment options for diastolic heart failure

Chairpersons:
D. L. Mann & P. P. Liu

- MicroRNAs, gene patterns and heart failure
D. L. Mann, USA
- Diastolic heart failure requires different approaches
P. P. Liu, Canada
- Autophagy and apoptosis in heart failure
K. Otsu, Japan
- Rescuing a failing heart
M. E. Anderson, USA