



UNIVERSITY OF OTTAWA
HEART INSTITUTE
INSTITUT DE CARDIOLOGIE
DE L'UNIVERSITÉ D'OTTAWA

The Endocrine Heart: 30 Years Later

23rd International Society of Hypertension Meeting
Satellite Symposium

September 23–24, 2010
University of Ottawa Heart Institute
Foustanelas Auditorium

Registration: www.ottawaheart.ca/misc/anf-symposium.htm

The Endocrine Heart: 30 Years Later is a special scientific symposium commemorating the thirtieth anniversary of the discovery of atrial natriuretic factor (ANF). The discovery established that the heart possesses an endocrine function.

Thursday, September 23, 2010

07:15–17:00

Breakfast

Welcome and Opening Remarks

Dr. Mona Nemer – University of Ottawa (Canada)

Sorting Peptides and Concepts in Atrial Cardiocytes:

Still Not Very Clear

Dr. Adolfo de Bold – University of Ottawa Heart Institute (Canada)

Transcriptional and Epigenetic Regulation of the Heart

Dr. Benoit Bruneau – Gladstone Institute of Cardiovascular Disease (USA)

Atrial Natriuretic Factor: A Cause for the Most Common Cardiac Arrhythmia

Dr. Michael Gollob – University of Ottawa Heart Institute (Canada)

Physiological Relationships between ANF & Guanylins

Dr. Manasses C. Fonteles – Mackenzie University/Ceará State University (Brazil)

Lunch Break

Natriuretic Peptides: Molecular Mechanisms Regulating Gene Expression and Secretion

Dr. Heikki Ruskoaho – University of Oulu (Finland)

Networking between Vasoactive Hormones – Implications in Cardiovascular Disease

Dr. Rhian Touyz – Ottawa Hospital Research Institute (Canada)

Genomics and Gene Targeting of Guanylyl Cyclase/Atrial Natriuretic Factor Receptor-A: Role of Early Gene Activation of Pro-inflammatory Cytokines and Nuclear Factor kappa B in Cardiac Hypertrophy and Fibrosis

Dr. Kailash N. Pandey – Tulane University (USA)

Roles of GC-A signaling in cardiovascular system

Dr. Yoshihiko Saito - Nara Medical University (Japan)

Friday, September 24, 2010

07:15–12:00

Breakfast

Designer Natriuretic Peptides as Novel Cardiorenal Therapeutics

Dr. John C. Burnett – Mayo Clinic (USA)

Genetics & Coronary Artery Disease

Dr. Robert Roberts – University of Ottawa Heart Institute (Canada)

ANF and the Clinical Management of Heart Failure

Dr. Haissam Haddad – University of Ottawa Heart Institute (Canada)

B Type Natriuretic Peptide Guidance of Anti-Heart Failure Therapy

Dr. Mark Richards – University of Otago (New Zealand)

Closing Remarks and Adjournment

Dr. Robert Roberts – University of Ottawa Heart Institute (Canada)

Dr. Mona Nemer – University of Ottawa (Canada)

Sponsored in partnership with:

University of Ottawa - Heart and Stroke Foundation of Ontario - Nile Therapeutics

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