

Endocrine Signaling in Health and Disease, Hormones and Mechanism of Action
In memoriam Kevin J. Catt

August 16-17, 2018

Venue:
Semmelweis University Basic Medical Science Center,
H-1094 Budapest, Tűzoltó u. 37-47.
Ground floor, Hevesy lecture hall

Program

16th August

9:00: Opening session:

László Hunyady (Semmelweis University, Budapest, Hungary), Tamas Balla and Stanko Stojilkovic (National Institutes of Health, Bethesda, Maryland, USA): *"Remembering Kevin J. Catt as a Scientist and a Mentor"*

9:30 – 12:00: Session I. on Pituitary and Hypothalamus

Chair: Stanko Stojilkovic

9:30 – 10:00: Greti Aguilera (National Institutes of Health, Bethesda, Maryland, USA): *"Regulation of the Hypothalamic-Pituitary-Adrenal-Axis by Peptides and Steroids- from Cell biology to Pathology"*

10:00 – 10:30: Ferenc Antoni (The University of Edinburgh, Edinburgh, UK): *"Vasopressin as a Stress Hormone"*

10:30 – 11:00: Coffee break

11:00 – 11:30: John Chang (University of Alberta, Alberta, Canada): *"Differential Signaling in the Regulation of LH- and GH-Cells in Goldfish"*

11:30 – 12:00: Stanko Stojilkovic (National Institutes of Health, Bethesda, Maryland, USA): *"A Single-Cell Transcriptome Atlas of Anterior Pituitary"*

12:00 – 13:30: Lunch

14:00 – 16:30: Session II. on Hormones and Receptors

Chair: Laszlo Hunyady

14:00 – 14:30: Adrian Clark (Queen Mary University of London, London, UK): *"Melanocortin co-receptors: a further dimension in GPCR function"*

14:30 – 15:00: Terry Davies (Mount Sinai Beth Israel Medical Center, New York, USA): *"New insights into TSH receptor antibodies"*

15:00 – 15:30: Coffee Break

15:30 – 16:00: Richard Hauger (University of California, San Diego, USA): *"CRF Receptor Regulation and Clinical Relevance to Stress Disorders"*

16:00 – 16:30: László Hunyady (Semmelweis University, Budapest, Hungary): *"Signaling and internalization of AT₁ angiotensin receptor"*

19:45 – Dinner and sightseeing by boat

Legenda Ltd.

Dock 7, Jane Haining rakpart, H-1051 Budapest, Vigadó tér

17th August

9:00 – 12:00: Session III. on Reproductive Endocrinology

Chair: Zvi Naor

9:00 – 9:30: Megan Holmes (The University of Edinburgh, Edinburgh, UK): *"Early life stress: effects on hormones and behaviour in adulthood"*

9:30 – 10:00: Ilpo Huhtaniemi (Imperial College London, London, UK): *"FSH and Spermatogenesis"*

10:00 – 10:30: Coffee break

10:30 – 11:00: Carole Mendelson (University of Texas Southwestern, Dallas, Texas): *"Fetal Signals and Messengers in the Timing of Birth"*

11:00 – 11:30: Antonio Jesús Martínez Fuentes (University of Cordoba, Cordoba, Spain): *"Characterization of Novel Molecular Markers in Pancreatic Neuroendocrine Tumors (pNETs) and its Relationships with Clinical Features and Tumor Cell Line Behavior"*

11:30 – 12:00: Zvi Naor (Tel Aviv University, Tel Aviv, Israel): *“Differential Roles of PKC Isoforms (PKCs) in GnRH Stimulation of MAPK Phosphorylation in gonadotropes”*

12:00 – 13:30: Lunch

14:00 – 16:30: **Session IV on Adrenal Signaling**

Chair: Peter Enyedi

14:00 – 14:30: András Spät (Semmelweis University, Budapest, Hungary): *„Ca²⁺ - cAMP signaling interactions in mitochondria of angiotensin-stimulated adrenocortical cells”*

14:30 – 15:00: Péter Enyedi (Semmelweis University, Budapest, Hungary): *“K2P Potassium Channels; Starting from the Adrenal Glomerulosa Cells”*

15:00 – 15:30: Coffee Break

15:30 – 16:00: Alberto Olivares-Reyes (Center for Research and Advanced Studies of the National Polytechnic Institute, Mexico City, Mexico): *“Molecular Mechanisms Associated with Insulin Resistance in Cardiomyocytes: a Focus on Akt Regulation”*

16:00-16:30 Tamas Balla (unaffiliated): *How working with Dr. Kevin Catt shaped my scientific career.*

16:30 – 17:00: **Closing Remarks** (Maria L. Dufau, Tamas Balla and meeting participants who wish to say a few words regarding Kevin’s memory)

20:00 – Dinner, Kárpátia restaurant
H-1053 Budapest, Ferenciek tere 7-8.

Organizers:

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