

Amazing World of Transporters

International Symposium in honor of Balázs Sarkadi and András Váradi

Organized by the Section of Biological Sciences, Hungarian Academy of Sciences
and the Research Center for Natural Sciences, Hungarian Academy of Sciences

Date: April 20, 2018

Venue: RCNS HAS (MTA TTK) 1117 Budapest, Magyar tudósok körútja 2.

Scientific Program

9:00 – 9:15 Registration

Morning Session:

Chair person: Gergely Szakács (Medical University Wien; Inst. of Enzymology, RCNS HAS)

9:15 - 9:30 Opening Remarks by **György Pokol** (Director General, RCNS HAS)

9:30 - 10:00 **Piet Borst** (Netherlands Cancer Institute, Amsterdam, Netherlands)
My First 25 Years with Balázs and András

10:00 - 10:30 **Susan Bates** (Columbia University, New York, USA)
ABCB1 to ABCG2: ABC Transporters in Cancer

10:30 - 10:50 **Zoltán Ivics** (Paul Ehrlich Institute, Langen, Germany)
Therapeutic Cell Engineering with the Sleeping Beauty Transposon System

10:50 - 11:20 Coffee Break

Chair person: László Homolya (Inst. of Enzymology, RCNS HAS)

11:20 - 11:50 **Irwin M. Arias** (Bethesda, MD, USA)
Adventures in Liverland: a Polar Exploration

11:50 - 12:20 **Michael M. Gottesman** (National Cancer Institute, NIH, Bethesda, USA)
The Clinical Relevance of Mechanisms of Anti-Cancer Drug Resistance

12:20 - 12:50 **János Hajdu** (Uppsala University, Sweden and European
Extreme Light Infrastructure, Prague, Czech Republic)
X-Ray Lasers and the Addictive Passion of Blowing Up Things

12:50 - 13:10 **Zsuzsa Izsvák** (MDC, Berlin, Germany)
Transposable Elements Refine Human Preimplantation Embryogenesis

13:10 - 13:20 Concluding Remarks for the Morning Session by
András Váradi and Balázs Sarkadi (Inst. of Enzymology, RCNS HAS)

13:20 Group Photo

13:30 - 14:30 Lunch Break and Poster Session

Afternoon session:

Chair person: Tamás Orbán (Inst. of Enzymology, RCNS HAS)

- 14:30 - 14:40 Introductory Talk by **László Fésüs** (President of the Section of Biological Sciences, HAS)
- 14:40 - 15:00 **Gergely Szakács** (Medical University Wien; Inst. of Enzymology, RCNS HAS)
From ABC to XYZ (Zengő ABC)
- 15:00 - 15:20 **Péter Krajcsi** (Solvo Biotechnology)
ABC Transporter Assays – an Industry Perspective
(ABC transzporter tesztek – ipari szempontok)
- 15:20 - 15:40 **Viola Pomozi** (Inst. of Enzymology, RCNS HAS and
John A. Burns School of Medicine, University of Hawaii)
You are What You Eat – Experiences and Adventures in Hawaii
(Az vagy, amit megeszel – Hawaii tapasztalatok és élmények)
- 15:40 - 16:00 **Ágota Apáti** (Inst. of Enzymology, RCNS HAS)
Stem Cells or As You Like It (Őssejtek vagy amit akartok)
- 16:00 Greetings
- 16:10 - 16:40 Coffee Break**

Chair person: Attila Tordai (Semmelweis University, Budapest)

- 16:40 - 17:20 Round Table Discussion
- 17:20 - 17:40 Closing Remarks by **András Váradi and Balázs Sarkadi**

The organizers reserve the rights to change the program.

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