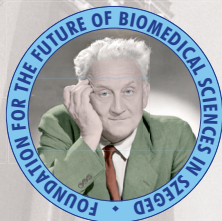




SZEGED SCIENTISTS ACADEMY

3rd MEETING OF NOBEL LAUREATES AND TALENTED STUDENTS IN SZEGED

Monday, 26 May, 2014
FINAL PROGRAMME



Organized by the:

Foundation for the Future of Biomedical Science in Szeged
Biological Research Centre of the Hungarian Academy of Sciences University of Szeged

Sponsors:



GEDEON RICHTER

Venue: HOTEL NOVOTEL SZEGED**** – H6721 Szeged, Maros utca 1, Hungary



KEYNOTE LECTURES BY:
Nobel Prize-winning biochemists
ADA YONATH and AARON CIECHANOVER



Ada Yonath

**Nobel Prize in Chemistry
2009**

for studies of the structure
and function of the ribosome



Aaron Ciechanover

**Nobel Prize in Chemistry
2004**

for the discovery of
ubiquitin-mediated protein degradation



DETAILED PROGRAMME

OPENING OF THE MEETING

13:00-13:30

SCIENTIFIC SESSION I.

13:30–14:50

Chairs: **Pál Ormos, András Varró**

13:30–14:20 Introduction by: **László Vigh**



Ada Yonath

"From basic science to advanced medicine"



14:20–14:25 **Lajos Haracska (Dávid Balogh)** (*Szent-Györgyi Mentor*)

Introduction of the Mutagenesis and Carcinogenesis Laboratory

14:25–14:35 **Tímea Óvári** (*1st year Szent-Györgyi Student*)

The regulatory role of ubiquitin in DNA damage tolerance

14:35–14:40 **László Vécsei** (*Szent-Györgyi Mentor*)

Introduction of the Neurology Research Laboratory

14:40–14:50 **Márton Szentirmai** (*1st year Szent-Györgyi Student*)

Measuring concentrations of tryptophan metabolites in brain samples of mice

COFFEE BREAK

SCIENTIFIC SESSION II.

15:10–16:30

Chairs: **László Vécsei, László Vigh**

15:10–16:00 Introduction by: **László Dux**



Aaron Ciechanover

"The Revolution of Personalized Medicine:
Are we Going to Cure all Diseases and at What Price?"



16:00–16:05 **Imre Boros** (*Szent-Györgyi Mentor*)

Introduction of the Epigenetics and Chromatin Research Laboratory

16:05–16:15 **Petra Éva Szili** (*1st year Szent-Györgyi Student*)

The background of drug resistance changes in human cancer cells

16:15–16:20 **András Varró** (*Szent-Györgyi Mentor*)

Introduction of the Cellular Cardiac Electrophysiology Laboratory

16:20–16:30 **Tamás Hézső** (*1st year Szent-Györgyi Student*)

Possible species differences in cardiac sodium-calcium exchanger (NCX)

DETAILED PROGRAMME

SCIENTIFIC SESSION III.

Best of the Annual Research Conference for Undergraduate Students in 2014

16:50–17:35

Chairs: **István Leprán, Zoltán Rakoncay**

Introduction by **Mihály Boros**

16:55–17:05

Ágota Hanna Fodor & Beáta Diósi, *5th year medical students*

(WINNER OF THE BIOINFORMATICS, CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS SESSION)

The Compact mutation of myostatin influences the expression of skeletal muscle growth regulators

17:05–17:15

Gábor Kozák, *6th year medical student*

(WINNER OF THE PHYSIOLOGY, PATHOPHYSIOLOGY, PHARMACOLOGY I. SESSION)

Impact of aging on spreading depolarizations induced by focal brain ischemia in rats

17:15–17:25

Edit Vigh & László Kis, *3rd and 5th year medical students*

(WINNER OF THE BIOCHEMISTRY, MICROBIOLOGY, IMMUNOLOGY SESSION)

The effect of type 2 diabetes mellitus on myocardial gene expression pattern in Goto-Kakizaki rats

17:25–17:35

János Pigler & Tamás János Riesz, *4th year medical students*

(WINNER OF THE PHYSIOLOGY, PATHOPHYSIOLOGY, PHARMACOLOGY II. SESSION)

Cytoprotection by the NO-donor SNAP and BNP against hypoxia/reoxygenation injury in rat engineered heart tissue

GALA EVENING (by invitation only)

19:30–21:00

National Theatre Szeged, H6720 Szeged, Vaszy Viktor Square 1, Hungary

Péter Hegyi & Zoltán Paragi: Cradle of Nations: The Carpathian Basin

Traditional Folkdance Evening delivered by the Szeged Folkdance Ensemble and members of the Hungarian State Folk Ensemble

Presentation of the Szent-Györgyi Talent Award

Established by the Foundation for the Future of Biomedical Sciences in Szeged

FOUNDATION FOR THE FUTURE OF BIOMEDICAL SCIENCES IN SZEGED

Chairman: András Varró

Members of the Board: Péter Hegyi (Secretary), Lajos Kemény,

Szilvia Krizsó (Chair, Supporting Members Board), István Leprán, Pál Ormos, László Vécsei, and László Vigh

Contact address: H6725 Szeged, Pálffy u. 52/D, Hungary

Phone: +36 70 375 1031

e-mail: info@nobel-szeged.hu,

www.nobel-szeged.hu

www.nobel-szeged.hu