



7TH MEETING OF NOBEL LAUREATES AND TALENTED STUDENTS IN SZEGED

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**Advanced biomedical laboratory practice
for secondary school students**

Monday and Tuesday , 23–24 May, 2016

FINAL PROGRAM



Organized by the:

Foundation for the Future of Biomedical Sciences in Szeged

Venue:

HOTEL NOVOTEL SZEGED****
1 Maros utca, H6721 Szeged, Hungary



MONDAY – MAY 23

9:00 **ADVANCED BIOMEDICAL LABORATORY PRACTICE**

Participants' list announced at Hotel's Lobby

9:00–10:30 Group I.–II.

11:00–12:30 Group III.–IV.

11:30 **PRESS CONFERENCE**

12:30–13:30 **LUNCH**

13:30–14.30



KEYNOTE LECTURE BY BERT SAKMANN

Chairs: **András Varró, Péter Hegyi**

14:30



PRESENTATION BY THE 2ND YEAR SZENT-GYÖRGYI STUDENTS

Chairs: **Ferenc Bari** and **Lajos Kemény**

14:30–14:45

Dóra Hantosi

Targeted delivery of nanoparticles across the blood-brain barrier

14:45–15:00

Réka Tóth

Changes of tissue pH in the ischemic rat brain during Spreading Depolarizations

15:00–15:15

Mihály Újházi

Studying DAAM gene functions in *Drosophila melanogaster* with the CRISPR system

15:15–15:30

Réka Karkas

Transposon-mediated gene therapy in the mouse model of Tyrosinemia type I.

15:30–15:45

Questions

15:45



Coffe Break

DETAILED PROGRAM

- 16:00**  **PRESENTATION BY THE 2ND YEAR SZENT-GYÖRGYI STUDENTS**
Chairs: **Pál Ormos** and **László Dux**
- 16:00–16:15** **Andrea Molnár**
The effect of desensitization of primary sensory neurons in experimental acute pancreatitis
- 16:15–16:30** **Benjamin Papp**
The adaptive recognition of propionibacterium acnes correlate with the prevalence of acne
- 16:30–16:45** **Liliána Kiss**
Beneficial effects of methane inhalation on hypoxic stress response in rats
- 16:45–17:00** **Anna Nászai**
Effects of methane on xanthine-oxidoreductase activity-linked oxidative and nitrosative stress response *in vitro*
- 17:00–17:15** **Questions**
- 19:00**  **GALA DINNER**
Performing artists: **Vivat Bacchus Choir**

TUESDAY – MAY 24

- 9:00** **ADVANCED BIOMEDICAL LABORATORY PRACTICE**
Participants' list announced at Hotel's Lobby
- 9:00–10:30** Group V.–VI.
10:30–12:00 Group VII.–VIII.
- 11:00–12:30** **SZENT-GYÖRGYI STUDENTS MEET BERT SAKMANN**
(upon invitation)
- 12:30** **CLOSING CEREMONY:**
FUTURE PLANS OF THE SZEGED SCIENTISTS ACADEMY
Chairs: **András Varró** (Chairman of the Board),
Péter Hegyi (Program Director)
- CLOSING REMARKS**
Bert Sakmann (Director of Education)
Gábor Tamás (Vice Director of Education, University Program)
Sándor Bán (Vice Director of Education, Secondary School Program)
- 13:00**  **LUNCH**

VENUES

Venue for the **ADVANCED BIOMEDICAL LABORATORY PRACTICE**
MIKLÓS RADNÓTI SECONDARY SCHOOL – Laboratory for Life Sciences
6-8 Tisza Lajos krt, Szeged

Venue for the **MEETING AND PRESS CONFERENCE**
HOTEL NOVOTEL SZEGED** 1 Maros utca, Szeged**

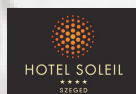
Venue for **GALA DINNER**
Hotel Tisza* 3 Széchenyi square, Szeged**

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