



04-07
April
2022

Szeged

XVIII. MEETING OF NOBEL LAUREATES AND TALENTED STUDENTS

The program of the National Biomedical Foundation



NEMZETI TUDÓSKÉPZŐ AKADÉMIA
NATIONAL ACADEMY OF SCIENTIST EDUCATION

VENUES

ACCOMMODATION, REGISTRATION

- 1 Novotel Szeged **** (6721 Szeged, 1. Maros str.)
- 2 Art Hotel Szeged **** (6720 Szeged, 16. Somogyi str.)
- 3 Hunguest Hotel Forrás **** (6726 Szeged, 16-24. Szent-Györgyi Albert str.)

LABORATORY PRACTICES

- 4 Radnóti Miklós Experimental Grammar School
(6720 Szeged, 6-8. Tisza Lajos ave.)
- 5 University of Szeged Secondary School
(6722 Szeged, 2. Szentháromság str.)
- Németh László Secondary School
(6800 Hódmezővásárhely, 16. Németh László str.)
- 6 University of Szeged, Institute of Medical Chemistry
(6720 Szeged, 9. Korányi aly.)

SZEGED RALLY DEPARTURE

- 7 Móra Ferenc Museum (6720 Szeged, 1-3 Rooseveltsq.)

OTHER PROGRAM ELEMENTS

Lectures, Pedagogy session, Round table discussions

- 8 József Attila Department of Education and Information Center
(6722 Szeged, 10. Ady sq.)

SIMULTANEOUS LABORATORY PRACTICE

- 9 Szeged City Sports Hall (6726 Szeged, 33. Temesvári ave.)

BERT SAKMANN COLLEGE NAMING CEREMONY, PRESS CONFERENCE

- 10 6724 Szeged, 31. Pacsirta str.

GALA EVENT

- 11 Szeged National Theatre (6720 Szeged, 1. Vaszy Viktor sq.)

GALA DINNER

- 12 Hotel Tisza (6720 Szeged, 3. Széchenyi sq.)

PROGRAM

04 April 2022

Monday

- 11.00–12.00 ARRIVAL TO THE HOTELS, REGISTRATION**
Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás
- 12.00–14.00 LUNCH FOR HOTEL GUESTS**
Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás
- 13.00–19.00 LABORATORY PRACTICES FOR THE SZENT-GYÖRGYI PUPILS**
In the National Secondary School Training Centres of the National Academy of Scientist Education and at a Laboratory of the University of Szeged

Parallel programs:

- 13.00–19.00 Szeged Rally**
Getting to know Szeged – For Szent-Györgyi Pupils and their Teachers
departure: Móra Ferenc Museum
- 14.00–15.00 Closed discussion of Aaron Ciechanover with the Students of the Translational Medicine Centre**
Art Hotel Szeged
- 17.00–18.00 Closed discussion of Erwin Neher with the Students of the Translational Medicine Centre**
Art Hotel Szeged
- 19.00–20.30 DINNER FOR HOTEL GUESTS**
Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás

05 APRIL 2022

Tuesday

- 07.00–07.45 BREAKFAST**
Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás
- 08.00–08.15 ARRIVAL TO THE JÓZSEF ATTILA DEPARTMENT OF EDUCATION AND INFORMATION CENTRE**

08.30–09.45 NOBEL LAUREATE PRESENTATION

Congress Hall

08.30–08.40 **László Dux:** *Laudation of Aaron Ciechanover*

08.40–09.15 **Aaron Ciechanover:** *The road for cure of a disease necessitates solving major bioethical problems: lessons learnt from the COVID-19 pandemic*

09.15–09.45 **Discussion**

09.45–10.30 COFFEE BREAK

1. floor foyer, ground floor exhibition place, coffee shop

10.30–11.10 NEUROSCIENCE SESSION I.

Congress Hall

10.30–10.50 **Michael Brecht:** *The Biology of Grasping in Elephants*

10.50–11.10 **Zsuzsanna Helyes:** *Targeting neuroinflammation and cytokine signaling could provide novel therapies in Complex Regional Pain Syndrome*

11.10–11.45 INTRODUCTION OF THE NATIONAL ACADEMY OF SCIENTIST EDUCATION

11.10–11.30 **Péter Hegyi:** *Introduction of the National Academy of Scientist Education Program*

11.30–11.45 **Tamás Röszer:** *Introduction of the Secondary School Training Program of the National Academy of Scientist Education*

11.45–12.00 'SZENT-GYÖRGYI PUPIL EXCELLENCE AWARD 2022' CEREMONY, PRESENTATION OF THE AWARDEE

Lucien Lemaitre: *Science for a better life -at home and in medication*

12.00–13.00 LUNCH

Atrium and ground floor exhibition place

13.00–14.00 CLOSED DISCUSSION OF THE SZENT-GYÖRGYI STUDENTS WITH THE NOBEL LAUREATES

Grand Hall

13.30–14.00 ARRIVAL TO THE SZEGED CITY SPORTS HALL

14.30–15.30 SIMULTANEOUS LABORATORY PRACTICE FOR THE SZENT-GYÖRGYI PUPILS

Szeged City Sports Hall

- 16.00–16.15** **ARRIVAL TO THE JÓZSEF ATTILA DEPARTMENT OF EDUCATION AND INFORMATION CENTRE**
- 16.00–17.00** **COFFEE BREAK**
1. floor foyer, ground floor exhibition place, coffee shop
- 17.00–18.30** **NOBEL LAUREATE PRESENTATION** (online)
Congress Hall
- 17.00–17.10** **Zoltán Kónya: Laudation of Kurt Wüthrich**
- 17.10–18.00** **Kurt Wüthrich: The Molecules of Life: DNA, RNA, Proteins – History Placed in Perspective**
- 18.00–18.30** **Discussion**
- Parallel program:
- 17.00–18.30** **Pedagogy session for the Szent-Györgyi Teachers and Senior Teachers**
Guest of honour: Eva-Maria Neher
Grand Hall
- 19.00–20.30** **DINNER FOR HOTEL GUESTS**
Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás

06 APRIL 2022

Wednesday

- 07.00–07.45** **BREAKFAST**
Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás
- 08.00–08.15** **ARRIVAL TO THE JÓZSEF ATTILA DEPARTMENT OF EDUCATION AND INFORMATION CENTRE**
- 8.30–09.45** **NOBEL LAUREATE PRESENTATION**
Congress Hall
- 08.30–08.40** **András Varró: Laudation of Erwin Neher**
- 08.40–09.15** **Erwin Neher: Dynamic Priming of Synaptic Vesicles: Consequences for Short-term Plasticity and Heterogeneity among Synapses**
- 09.15–09.45** **Discussion**
- 09.45–10.30** **COFFEE BREAK**
1. floor foyer, ground floor exhibition place, coffee shop

10.30–12.10 NEUROSCIENCE SESSION II.

Congress Hall

10.30–10.50 Arthur Konnerth: *Dysfunction of neurons and circuits in Alzheimer's disease*

10.50–11.10 Zoltán Nusser: *Diverse synapses: what can the postsynaptic cell tell the presynaptic axon?*

11.10–11.30 Christiaan de Kock: *'doing science is fun'*

11.30–11.50 Gábor Tamás: *Similarities and differences of human and rodent neocortical synapses, neurons and networks*

11.50–12.10 Gábor Nyiri: *Brainstem control of fear memory*

12.15–14.00 LUNCH

Atrium

15.00–16.00 BERT SAKMANN COLLEGE NAMING CEREMONY

Szeged, 31. Pacsirta str.

16.00–16.30 PRESS CONFERENCE

Bert Sakmann College

16.00–17.30 COFFEE BREAK

Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás

17.45–18.00 ARRIVAL TO THE SZEGED NATIONAL THEATRE

18.30–20.00 GALA EVENT, "TALENT PRIZE AWARD CEREMONY 2022"

Szeged National Theatre

20.30–22.30 GALA DINNER

Hotel Tisza

07 APRIL 2022

Thursday

06.30–07.15 BREAKFAST

Novotel Szeged, Art Hotel Szeged, Hunguest Hotel Forrás

07.30–07.45 ARRIVAL TO THE JÓZSEF ATTILA DEPARTMENT OF EDUCATION AND INFORMATION CENTRE

08.00–08.30 INTRODUCTION OF THE GOLD-MEDAL-WINNING iGEM TEAM FROM SZEGED

Congress Hall

08.30–09.45 NOBEL LAUREATE PRESENTATION (online)

Congress Hall

08.30–08.40 Lajos Kemény: Laudation of Peter Doherty

08.40–09.15 Peter Doherty: Sensing and dealing with threats

09.15–09.45 Discussion

09.45–10.30 COFFEE BREAK

1. floor foyer, ground floor exhibition place, coffee shop

10.30–11.30 PRESENTATION OF THE TALENT-PRIZE AWARDED (2022) SCIENTISTS

Congress Hall

Parallel program:

**10.30–11.30 Round table discussions I. (upon prior assignment)
Secondary school Pupils meet the Szent-Györgyi university
Students
*Basement, Auditorium I-II.***

12.00–13.00 PRESENTATION OF THE TALENT-PRIZE AWARDED (2022) SCIENTISTS

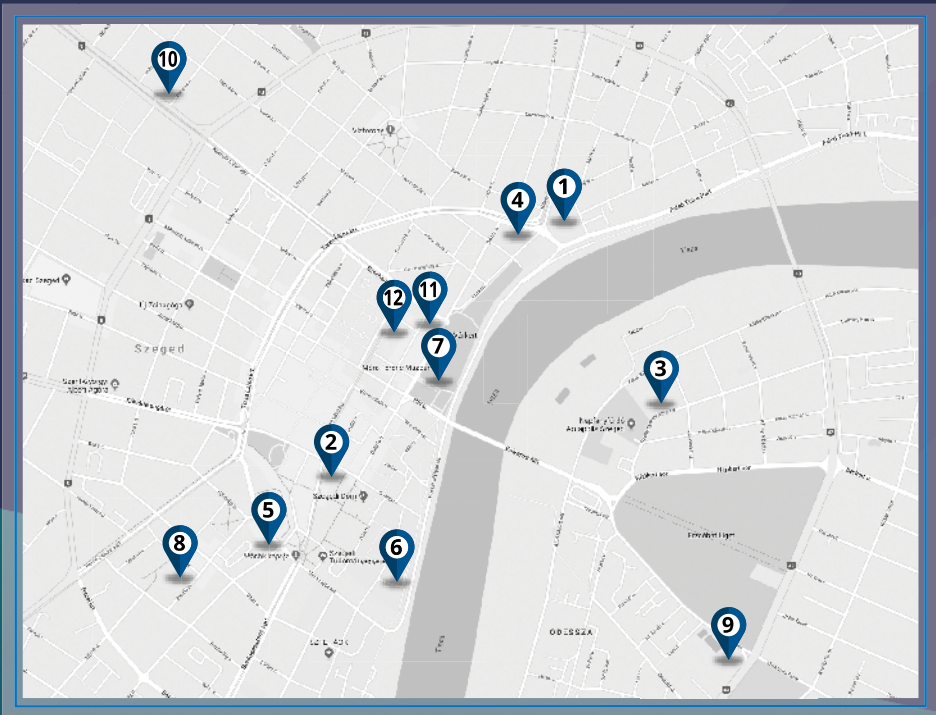
Congress Hall

Parallel program:

**12.00–13.00 Round table discussions II. (upon prior assignment)
Secondary school Pupils meet the Szent-Györgyi university
Students
*Basement, Auditorium I-II.***

13.00–14.00 LUNCH

Atrium



1. Novotel Szeged ****
2. Art Hotel Szeged****
3. Hunguest Hotel Forrás****
4. Radnóti Miklós Experimental Grammar School
5. University of Szeged Secondary School
6. University of Szeged, Institute of Medical Chemistry
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9. Szeged City Sports Hall
10. Bert Sakmann College
11. Szeged National Theatre
12. Hotel Tisza

Institutions participating in the implementation of the professional program of the National Academy of Scientist Education:



UNIVERSITY of
DEBRECEN



Institute of
Experimental
Medicine



PÉCSI TUDOMÁNYEGYETEM
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