

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

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)