



MAGYAR TUDOMÁNYOS AKADÉMIA

KÉMIAI TUDOMÁNYOK OSZTÁLYA

INVITATION

Thirty Years in the Service of Hungarian Peptide and Protein Research Jubilee Scientific Meeting of the *Foundation for the Hungarian Peptide and Protein Research*

Date and time: 22 September 2026 (Tuesday), 10:00

Venue: Hungarian Academy of Sciences, Great Hall (Nagyterem)

Registration link: <https://mta.hu/esemenynaptar/2026-09-22-harminc-ev-a-hazai-peptid-es-feherjekutatas-szolgالاتaban-6326>

Program

- 10:00 **Welcome address: Bősze Szilvia** (President of the Board of Trustees)
- 10:10 **Fernando Albericio** (Peptide Science Laboratory, School of Chemistry and Physics, University of KwaZulu-Natal; Department of Inorganic and Organic Chemistry, University of Barcelona)
The Golden Era of Peptides: Advancing a Sustainable World
- 10:45 **Chemistry to Advance Peptide Synthesis** (Session Chair: Bánóczy Zoltán, Member of the Board of Trustees)
- Szaniszló Szebasztján** (HUN-REN-ELTE Protein Modeling Research Group; Laboratory of Structural Chemistry and Biology, Institute of Chemistry, Eötvös Loránd University)
The Beginning of a Beautiful Friendship Between GLP-2 and Methionine Sulfoxide
- Enyedi Kata** (Institute of Chemistry, Eötvös Loránd University)
An Exotic Use of Protecting Groups in Peptide Chemistry
- Ferentzi Kristóf** (Laboratory of Structural Chemistry and Biology, Institute of Chemistry, Eötvös Loránd University)
From Resin Swelling to Peptide Aggregation: A Mechanistic Description of SPPS
- Ferenczi L. Szabolcs** (Institute of Medicinal Chemistry, University of Szeged)
Imidazole-Promoted Photocatalytic Oxidation of Thiols
- 11:25 **Structure Defines Peptide Function** (Session Chair: Perczel András, Member of the Board of Trustees)
- Sánta Anna** (Faculty of Information Technology and Bionics, Pázmány Péter Catholic University)
Binding affinity changes in Shank1 PDZ mutants are highly partner-specific
- Kovács Benjámin** (Analytical and BioNMR Laboratory, Eötvös Loránd University)
From disorder to phase separation: NMR studies of the EcSSB protein
- Horváth Dániel** (HUN-REN-ELTE Protein Modeling Research Group; Laboratory of Structural Chemistry and Biology, Institute of Chemistry, Eötvös Loránd University)
Structural Insights into Evolutionarily Conserved Amyloid Formation in the PACAP–Glucagon Peptide Hormone Superfamily

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Sebák Fanni (Analytical and BioNMR Laboratory, Eötvös Loránd University)

From proline isomerization to targeting IDPs: Structural and dynamical characterization of the p53 N-terminus in free and in complexed form

Hegedűs Zsófia (Institute of Medical Chemistry, Szent-Györgyi Albert Medical School, University of Szeged)

Modulating Transcription Factor–Coactivator Interactions Using β -Peptide Foldamers

12:25

World of Bioactive Peptides (Session Chair: Horváti Kata, Member of the Board of Trustees)

Arijit Sarkar (HUN-REN Biological Research Centre, Szeged, Institute of Biochemistry)

Investigation of the structural mechanism of activation of G protein-coupled receptors

Erdei Eszter (HUN-REN Research Centre for Natural Sciences, Artificial Transporters Research Group; Semmelweis University, Institute of Organic Chemistry)

Development of a Plasminogen Activator Inhibitor-1 (PAI-1)-Inhibitory Peptide for the Treatment of Inflammatory and Fibrotic Disorders

Horváth Lilla Borbála (ImmunoGenes Ltd.; HUN-REN–ELTE Research Group of Peptide Chemistry)

Profiling Bioactive Peptides on Tissue Models

Bartus Éva (Institute of Medicinal Chemistry, University of Szeged)

Light-Driven Competitive Selection in a Biomimetic System

13:05

Presentation of certificates

13:15

Closing remarks, Penke Botond (Member of the Board of Trustees)



„a Jövendőnek urai vagyunk”