

## II. PhD Joint Meeting on Biomedical Sciences Semmelweis University – University Milan



organized by

Szentágotthai János Knowledge Center  
Section of Medical Sciences of Hungarian Academy of Sciences  
PhD School of Pharmacy



*Hungarian Academy of Sciences*

### **Sunday November, 6th**

9:30 – 10:00 Opening

10:00 - 10:30 CARLO DE MICHELI (University Milan)  
*Design, synthesis and pharmacological activity of novel heterocyclic amino acids related to glutamic acid*

10:30 - 11:00 LÁSZLÓ KOPPER (Semmelweis University)  
*Targeted tumor therapy*

11:00 - 11:15 MAURO SERRATONI (University Milan)  
*Oral administration of peptides and proteins: evaluation of a time dependent system for colon delivery*

11:15 - 11:30 DOROTTYA KISS, ROMÁNA ZELKÓ (Semmelweis University)  
*Effect of physical ageing on the physico-chemical and drug release characteristics of poly(ethylene oxide)s*

11:30 - 12:00 GIUSEPPE RONSISVALLE (University Catania)  
*Pre- and pro-nociceptine derived peptides: role in pain transmission*

14:45 - 15:00 SARA PELLEGRINO (University Milan)  
*A highly efficient chiral synthesis of 3-carboxy-cyclopentylglycines: novel building blocks for the preparation of bioactive peptidomimetics*

15:00 - 15:15 PÁL TAPOLCSÁNYI, PÉTER MÁTYUS (Semmelweis University)  
*Diazino-indoles and benzophthalazines as potential antimalarial agents*

15:15 - 15:30 CATERINA SARACENO, ÁGNES BÁLINT-POLONKA, PÉTER MÁTYUS (Semmelweis University)  
*New pathways to fused ring systems with biological interest*

15:30 - 15:45 VIKTÓRIA VUKICS, ÁGNES KÉRY (Semmelweis University)  
*Antioxidant activity of wild pansy (*Viola tricolor L.*) and its phenolic constituents*

15:45 - 16:15 ANDRÁS FALUS, HARGITA HEGYESI, ZOLTÁN POS, VALÉRIA LÁSZLÓ, MARIANNA HOLUB, CSABA SZALAI (Semmelweis University)  
*Immunogenomic approach in histamine research; a view to immunomodulation through H4 receptor*

## Monday November, 7th

- 8:45 - 9:00 ÁKOS RÁCZ, MIKLÓS JÓZAN, BÉLA NOSZÁL  
(Semmelweis University)  
*DFT studies of (Z)-3-carbamoyl-acrylic acid methyl ester: conformational properties and charge distributions*
- 9:00 - 9:30 UGO CHIACCHIO (University Catania)  
*Synthesis of modified nucleosides via nitrene cycloaddition*
- 9:30 - 9:45 ÁDÁM ZOLTÁN DÁVID (Semmelweis University)  
*Microwave drying and near infrared moisture determinations for pharmaceutical applications*
- 9:45 - 10:15 MARCO DE AMICI (University Milan)  
*Muscarine and Oxotremorine: two reference structures for the investigation of muscarinic receptors*
- 10:45 - 11:00 MARICA ORIOLI (University Milan)  
*Covalent modification of actin by alpha, beta-unsaturated aldehydes: mass spectrometric, functional and conformational analyses*
- 11:00 - 11:15 MIKLÓS BOROS, BÉLA NOSZÁL, JÓZSEF KÖKÖSI,  
JÓZSEF VÁMOS (Semmelweis University)  
*Acid-base properties of N-methyl-aspartic-acid*
- 11:15 - 11:30 RÓBERT KISS, NOSZÁL BÉLA, IVETT JELINEK,  
MARIANNA HOLUB, ANDRÁS FALUS (Semmelweis University)  
*Homology modelling and binding site mapping of the human H4 receptor*
- 11:30 - 12:00 KÁLMÁN MAGYAR (Semmelweis University)  
*Deprenyl, the golden standard of MAO-B inhibitors*

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