

"Peptides and Proteins in the New Millennium"

Symposium dedicated to Prof. Luis Moroder

in Honour of his Doctorate *Honoris Causa*

October 5, 2011 (13:00–18:30) and October 6 (9:00–13:00),

Cergy-Pontoise, France



Scientific Programme

October 5, 2011 (13:00–18:30)

13:00-13:45: Registration and Opening Session at Université de Cergy Pontoise, Site de Neuville, Amphithéâtre 13, B.R. Merrifield (RER A: NEUVILLE UNIVERSITE)
5 mail Gay-Lussac, Neuville-sur-Oise, F-95031 Cergy-Pontoise.

13:45-14:00: Welcome and Introduction

14:00-14:50: - **Robert Huber (Nobel Laureate 1988, MPI für Biochemie, Martinsried)**
The structures of proteins and their ligands, a basis for new therapeutic strategies

14:50-15:25: - **Jean Martinez (University of Montpellier)**
Genome as a Source for the Discovery of New Peptides. Synthesis and Pharmacological Characterization of New Active Peptides

15:25-16:00: - **Annette Beck-Sickinger (University of Leipzig)**
Peptide Drugs – State of the art and innovative applications

16:00-16:20: Coffee break

16:20-16:55: - **Claudio Toniolo (University of Padova)**
Peptide Secondary Structures as Molecular Switches

16:55-17:30: - **Anna Maria D'Ursi (University of Salerno)**
Antiviral and antifungal peptides: biophysical investigation in membrane mimicking media

17:30-18:05: - **Vincent Dive (CEA, Saclay)**
20 years of phosphinic peptide chemistry: Achievements and Perspectives

18:05-18:40: - **Paolo Rovero (University of Florence)**
Peptide-based diagnostics: the long pathway from research to market

October 6, 2011 (09:30–12:30)

Université de Cergy Pontoise, Site de Neuville, Amphithéâtre 13, B.R. Merrifield (RER A: NEUVILLE UNIVERSITE)

09:45-10:20: - **Njidelko Budisa (University of Berlin)**

In vivo synthesis of peptides, proteins, and proteome congeners

10:20-10:55: - **Solange Lavielle (University Pierre et Marie Curie – ENS, Paris)**

To constrain or not, if needed, don't forget the "old-fashion" strategies!

10:55-11:15: Coffee Break

11:15-11:50: - **Wolfgang Zinth (Ludwig-Maximilians - University of Munich)**

Light switchable peptides - a new tool to study ultrafast conformational dynamics in folding

11:50-12.25: - **Renato Gennaro (University of Trieste)**

Proline-rich antimicrobial peptides: converging to a non-lytic mechanism of action

12:30: Conference Closing

Transfer to the Doctor Honoris Causa Ceremony at the Headquarter of the University of Cergy-Pontoise, 33 Bd du Port, 95011 Cergy-Pontoise (RER A: Cergy-Préfecture)

Venue: Université de Cergy Pontoise, Site de Neuville
Amphithéâtre 13, B.R. Merrifield (RER A: NEUVILLE UNIVERSITE)
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Chair-person: Anna Maria Papini