

Workshop: Peptide Synthesis and Protein production/labeling

Written by Administrator

Sunday, 18 March 2012 20:28 - Last Updated Thursday, 03 May 2012 06:42

Organizing Committee:

Kostas Poulas

Stavros Topouzis

Kostas Flytzanis

John Matsoukas

Georgios Spyroulias

**Conference & Cultural Center
University of Patras
Amphitheater I-4**

WEDNESDAY 9

th

MAY2012

15:30 – 17:15

1st Session: Bioactive Peptides & Proteins

Chairpersons

J. Matsoukas (Patras, Hellas)

I. Margiolaki (

Patras, Hellas

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15:30

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16:05

The importance of a “Chemical

Prof. Anna-Maria Papini

Department of Chemistry Ugo Schiff, University of Florence, Italy

16:05 – 16:35

Regulation of MDM2 Function by p110b/LSD1

Prof. Nikolaos Ar. Papanikolaou

Department of Medicine, Aristotle University of Thessaloniki, Hellas

16:35

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16:55

Microwave-assisted approach in solid-phase peptide synthesis: case study of PTHrP(1-34)NH₂

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Dr. Fabio Rizzolo

Universite de Cergy-Pontoise, France

16:55

– 17:10

Coffee Break

17:10

– 18:50

2nd Session: Peptides and Protein Production for S

Chairpersons

F. Rizzolo (Florence, Italy) & T. Tselios (Patras, Hellas)

17:10 – 17:45

An unorthodox molecular approach to the targeting of proteins in vitro and in vivo using synthet

Prof. Lars Baltzer

Department of Biochemistry, University of Upsala, Sweden

17:45 – 18:10

Macromolecular Powder Diffraction: Current Status & Future Prospect

Dr. Irene Margiolaki

Department of Biology, University of Patras, Hellas

18:10 – 18:30

Protein production & labeling strategies for Biomolecular NMR studies

Dr. Christos Chasapis

Department of Pharmacy, University of Patras, Hellas

18:30 – 18:50

Expression of Cys-loop receptors in prokaryotic & eukaryotic systems

Dr. George Lagoumintzis

Department of Pharmacy, University of Patras, Hellas

20:30 – 22:30 **Social Event ☐ -☐ Cultural & Conference Center of the University of Patras**

THURSDAY 10 th **MAY2012**

09:45 – 11:50 **3rd Session: Protein Production in Prokaryotic & Eukaryotic systems**
Chairpersons

☐ **A. Papapetropoulos (Patras, Hellas) & S. Topouzis (Patras, Hellas)**

09:45 – 10:20

Smelling Vibrations

Dr. Efthimios Skoulakis

B.S.R.C. "Alexander Fleming", Varkiza, Hellas

10:20 – 10:55

Multiple functions of polysaccharide deacetylases from Bacillus anthracis

Prof. Vasilios Bouriotis

Department of Biology, University of Crete, Hellas

10:55 – 11:30

Insect cell-based expression technologies as tools for structural and functional analysis of eukaryotic proteins

Dr. Luc L.H. Swevers

NCSR Demokritos, Athens, Hellas

11:30 – 11:50

Antisense Masking Reveals Contributions of mRNA-rRNA Base Pairing to Translation of GTX and other proteins

Dr. P. Panopoulos

Department of Pharmacy, University of Patras, Hellas

11:50 – 12:10

Coffee Break

12:10 – 13:50

4th Session: Protein Production & Structural Studies of Biomolecules

Chairpersons

K. Poulas (Patras, Hellas) & G.A. Spyroulias (Patras, Hellas)

12:10 – 12:45

General principles of heterologous protein production systems – A case study

Prof. Costas Vorgias

Department of Biology, Kapodistrian University of Athens, Hellas

12:45 – 13:20

Mechanism of activity regulation in calcium/calmodulin regulated protein kinases

Dr. Koen Temmerman

EMBL- Centre for Cellular and Molecular Imaging, Hamburg, Germany

13:20 – 13:50

Structural biology sheds light on biocatalysts function

Dr. Evangelia Chryssina

National Hellenic Research Foundation (NHRF), Athens, Hellas

13:50 – 15:30

Light lunch & Coffee

15:30 – 16:50

FP7 Info Session

Chairperson

G.A. Spyroulias (Patras, Hellas)

New FP7 calls in HEALTH, IDEAS (for health Sciences), Marie Curie & Enterprise Europe Network

Mrs Christina Pascual & Georgia Tzenou

National Documentation Center & National Contact Point, NHRF, Athens, Hellas

16:30 – 18:05

5th Session: Structure-Activity Correlation Studies of Biomolecules

Chairpersons

K. Poulas (Patras, Hellas), T. Tselios (Patras, Hellas)

16:30 – 17:05

Protein Modules Involved in Chromatin Remodeling: Structures and Interactions with Chromatin

Prof. Anastasia Politou

School of Medicine, University of Ioannina, Hellas

17:05 – 17:20

Lessons from the small RNAs role in plant biochemistry for human diseases' cure

Dr. Christos K. Kotakis

Department of Biology, University of Crete, Hellas

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Crucial role of granulocytic myeloid-derived suppressor cells in the regulation of central nervous

Dr. Panagiotis Verginis

Medical School, University of Crete, Hellas

17:35 – 17:50

The Nrf2 antioxidant system in the thyroid gland

Dr. Gerasimos Sykiotis

Medical School, University of Patras, Hellas

17:50 – 18:05

Future Networking Activities of the SEE-DRUG project – The 2nd SEE-DRUG Workshop

K. Poulas, & I. Margiolaki

You can download the program of the meeting in PDF format [here](#)

Z. Lygerou (Dept of Medicine)