



Romanian Society of Biochemistry and Molecular Biology

PROGRAM

RSBMB Anniversary Conference:

„RSBMB - 25 years of promoting molecular life sciences in Romania“

PICS Workshop:

„Molecular virology and clinical challenges in hepatitis treatment“

17-18 September, Bucharest

SCIENTIFIC COMMITTEE

Jean Dubuisson, *Institute Pasteur, Lille, France*

Vivek Malhotra, *CRG Centre for Genomic Regulation, Barcelona, Spain*

Cecilia Motas, *Institute of Biochemistry of the Romanian Academy*

Stefana Petrescu, *Institute of Biochemistry of the Romanian Academy*

Octavian Popescu, *Institute of Biology of the Romanian Academy*

Elena Ganea, *Institute of Biochemistry of the Romanian Academy*

Carmen Socaciu, *University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca*

Stefan Hulea, *Pheromone Science Corp. Toronto, Canada*

ORGANIZING COMMITTEE

Anca Roseanu, *Institute of Biochemistry of the Romanian Academy*

Livia Sima, *Institute of Biochemistry of the Romanian Academy*

Florentina Pena, *Institute of Biochemistry of the Romanian Academy*

Paula Florian, *Institute of Biochemistry of the Romanian Academy*

Marioara Chiritoiu, *Institute of Biochemistry of the Romanian Academy*

Cristi Butnaru, *Institute of Biochemistry of the Romanian Academy*

Marius Surleac, *Institute of Biochemistry of the Romanian Academy*

Andrei Juncu, *Institute of Biochemistry of the Romanian Academy*

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Thursday September 17th 2015

- 08⁰⁰ - 09⁰⁰** **Registration & Poster display – Romanian Academy Library Hall**
- 09⁰⁰ - 09³⁰** **Opening ceremony - Aula Magna of the Romanian Academy**
Acad. Bogdan Simionescu – vice-President of the Academy
Acad. Maya Simionescu –President of Biological Sciences Section of the Academy
Dr. Stefana Petrescu – President of RSBMB
Prof. Carmen Socaciu – vice-President of RSBMB
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- 09³⁰ - 12³⁰** **RSBMB Morning Session**
Chairpersons: Vivek Malhotra and Stefana Petrescu
- 09³⁰ - 10¹⁵** **Plenary lecture**
Vivek Malhotra, CRG Centre for Genomic Regulation, Barcelona, Spain
“The pathway of collagen secretion”
- 10¹⁵ - 10⁴⁵** **Stefana Petrescu**, Institute of Biochemistry of the Romanian Academy, Bucharest
“Protein quality control in the endoplasmic reticulum”
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- 10⁴⁵ - 11³⁰** **Coffee break, Poster & Sponsor exhibition - Romanian Academy Library Hall**
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- 11³⁰ - 12⁰⁰** **Irinel Popescu**, Department of Surgery & Liver Transplant of Fundeni Clinical Institute
“Model of translational research in oncogenomics”
- 12⁰⁰ - 12³⁰** **Ovidiu Sirbu**, Victor Babes University of Medicine and Pharmacy of Timisoara
“RA-WNT-FGF signaling interactions during neural tube closure in mouse embryos”
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- 12³⁰ - 13³⁰** **Lunch – Romanian Academy Club**
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- 13³⁰ - 18⁰⁰** **RSBMB Afternoon Session**
Chairpersons: Carmen Socaciu and Elena Ganea
- 13³⁰ - 14⁰⁰** **Bogdan Simionescu**, Petru Poni Institute of Macromolecular Chemistry
“Polymers for drug/gene delivery and tissue engineering”
- 14⁰⁰ - 14³⁰** **Andrei J. Petrescu**, Institute of Biochemistry of the Romanian Academy, Bucharest
“Computationally guided research in molecular life sciences at IBAR”
- 14³⁰ - 15⁰⁰** **Marieta Costache**, Faculty of Biology, University of Bucharest
“Adipose –derived stem cells for soft tissue engineering”

15⁰⁰ - 15³⁰ **Alina D. Zamfir**, National Inst.R&D in Electrochemistry and Condensed Matter, Timisoara & “Aurel Vlaicu” University of Arad, Romania
“Biomedical applications of chip-based mass spectrometry”

15³⁰ - 16³⁰ **Coffee break, Poster & Sponsor exhibition** - Romanian Academy Library Hall

16³⁰ - 16⁴⁵ **Emilia Licarete**, Faculty of Biology and Geology, Babes-Bolyai University, Cluj
“HIF-1 A – the key player in the simvastatin cytotoxicity on B16.F10 murine melanoma cells” (selected for oral presentation)

16⁴⁵ - 17⁰⁰ **Cristian Munteanu**, Institute of Biochemistry of the Romanian Academy, Bucharest
“Mass spectrometry interaction proteomics of EDEM2 in a melanoma cell line” (selected for oral presentation)

17⁰⁰ - 17¹⁵ **Dana M. Copolovici**, “Aurel Vlaicu” University of Arad
“Focus on cell-penetrating peptides and their therapeutic applications” (selected for oral presentation)

17¹⁵ - 18⁰⁰ **Poster viewing & Sponsor exhibition** - Romanian Academy Library Hall

18⁰⁰ - 18³⁰ **Round table of the Workshop on Molecular Virology**
“Investigation of the interplay between structural and non-structural viral proteins during Hepatitis C Virus assembly - PICS project conclusions and perspective.”

19⁰⁰ - **Welcome dinner** – House of Scientists (COȘ)

FRIDAY September 18th 2015

08⁰⁰ - 09⁰⁰ **Registration & Poster display** - Romanian Academy Library Hall

09⁰⁰ - 09³⁰ **25 years of RSBMB – a brief history** – IH Radulescu Hall

09³⁰ - 10¹⁵ **Plenary lecture**
Jean Dubuisson, Institute Pasteur Lille, France
“Hepatitis C virus entry into hepatocytes”

- 10¹⁵ - 11⁰⁰ **Coffee break & Poster viewing& Sponsor exhibition** - Romanian Academy Library Hall
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- 11⁰⁰ - 12⁴⁰ **PICS Workshop: "Viral hepatitis - from cell culture to clinic"**– IH Radulescu Hall
Chairpersons: Jean Dubuisson and **Costin Ioan Popescu**
- 11⁰⁰ - 11²⁰ **Norica Nichita**, Institute of Biochemistry, Romanian Academy, Bucharest
"Novel functions of the ER associated degradation in the HBV life-cycle"
- 11²⁰ - 11⁴⁰ **Yves Rouille**, Institute Pasteur Lille, France
"Morphology and molecular composition of purified BVDV particles"
- 11⁴⁰ - 12⁰⁰ **Costin Ioan Popescu**, Institute of Biochemistry, Romanian Academy, Bucharest
"Investigation of hepatitis C virus – host interactions using interactomics and functional genomics techniques in infectious virions producing cells"
- 12⁰⁰ - 12²⁰ **Sandrine Belouzard**, Institute Pasteur Lille, France
"A novel HepG2-CD81 polarized cell culture model to study the role of cell polarization in HCV infection"
- 12²⁰ - 12⁴⁰ **Simona Paraschiv**, National Institute of Infectious Diseases Prof. Dr. Matei Bals
"Molecular epidemiological study to estimate the date of HCV and HIV introduction in Romanian intravenous drug users"
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- 12⁴⁰ - 13⁴⁰ **Lunch - IH Radulescu Hall**
Poster viewing & Sponsor exhibition - Romanian Academy Library Hall
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- 13⁴⁰ - 19⁰⁰ **RSBMB Afternoon Session**
Chairpersons: Carmen Socaciu and **Anca Roseanu**
- 13⁴⁰ - 14¹⁰ **Carmen Socaciu**, University of Agricultural Sciences and Veterinary Medicine, Cluj
"Metabolomic biomarkers in cancer: from discovery to diagnosis and therapeutic monitoring"
- 14¹⁰ - 14⁴⁰ **Stefan A. Hulea**, Pheromone Science Corp. Toronto, ON, Canada
"Is caloric restriction the way to go to improve health, slow down aging and possibly prolong life?"
- 14⁴⁰ - 15¹⁰ **Lorand Savu**, Genetic Lab, Bucuresti
"Identification of major epidermal growth factor receptor (EGFR) mutant genotypes in non-small cell lung cancer Romanian patients"
- 15¹⁰ - 15²⁵ **Cristina Coman**, University of Agricultural Sciences and Veterinary Medicine, Cluj
"Warfarin reduced gold nanoparticles: synthesis, cellular uptake and cytotoxicity"
(selected for oral presentation)

15²⁵ - 16²⁵ Coffee break, Poster & Sponsor exhibition - Romanian Academy Library Hall

**16²⁵ - 16⁵⁵ *Felix Sima*, National Institute for Laser, Plasma and Radiation Physics
“*Bioresponsive material surfaces fabricated by innovative laser approaches*”**

**16⁵⁵ - 17²⁵ *Mariana Pinteala*, Petru Poni Institute of Macromolecular Chemistry
“*Studies of branched polyethyleneimine linked to a hydrophobic core as gene delivery system*”**

**17²⁵ - 17⁵⁵ *Mihaela Trif*, Institute of Biochemistry, Romanian Academy, Bucharest
“*Nanoparticle based drug delivery system. The effect of particle design on their biocompatibility and intracellular fate*”**

**17⁵⁵ - 18¹⁰ *Livia Sima*, Institute of Biochemistry, Romanian Academy, Bucharest
“*Interaction of human primary cells with biomaterials designed for biomedical applications*” (selected for oral presentation)**

**18¹⁰ - 18²⁵ *Marek Zurawski*, NanoTemper, Germany
“*Quantitative analysis of biomolecular interactions with Microscale Thermophoresis (MST)*”**

18²⁵ - 19⁰⁰ Poster Session & Sponsor exhibition - Romanian Academy Library Hall

**19⁰⁰ - Closing Remarks; Best Poster Award
Stefana Petrescu, President of RSBMB**

**19³⁰ - PICS Workshop - round table and dinner
„*Translational research - multidisciplinary in the Romanian life sciences landscape*“**