

WE 8**Preliminary programme****Wednesday, September 22, 2010****Talks: 45 minutes**

8.30- 9.00	Opening ceremony: Dr. Stefana Petrescu
9.00-9.45	Session 1: Cell signaling pathways Prof. Adrian Salic , Harvard University, USA Title: „Mechanisms of cell-cell signaling through the vertebrate Hedgehog pathway”
9.45-10.30	Dr. Stefan Szedlacsek , Institute of Biochemistry Bucharest Title: „Back in time to the origins of protein tyrosine phosphatases”
10.30-11.15	Prof. Dumitru Iacobas , Albert Einstein College of Medicine, Yeshiva University, USA Title "Astrocyte and oligodendrocyte - love at first sight with myelination consequences"
11:15-11:45	Coffee break
11:45-12:30	Session2: Neuronal circuits Dr. Florin Albeanu , Cold Spring Harbor Laboratory, USA Title: „Understanding neuronal circuits in the mammalian olfactory bulb”
12.30-13.15	Dr. Dan Stoleru , Harvard University, USA Title: „Neural mechanisms behind complex temporal behavior in <i>Drosophila</i> ”
13:30-14:30	Lunch
14:30-15:15	Session 3: Proteomic approaches in biomarker discovery Dr. Costel Darie , Clarkson University, USA Title: „New proteomics approaches for biomarker discovery”
15.15- 16.00	Dr. Catalin Filipeanu , Louisiana State Health Center, USA Title: “Identification of molecular chaperones regulating intracellular GPCR trafficking by proteomic analysis”
16.00-16.45	Dr. Viviana Roman , Institute of Virology, Bucharest Title: „Biomarkers in chronic lymphoproliferation”
16:45-17:00	Coffee break
17:00-17.45	Session 4 : Computational methods in biomedicine Dr. Adina Milac , National Cancer Institute, NIH, USA Title: „Computational methods assisting biomedical research”
17.45-18.30	Dr. Andrei Petrescu , Institute of Biochemistry, Bucharest Title: „In silico methods in structural biochemistry”
20:00	Networking event organised by the Institute of Biochemistry

	Dinner (location- tba)
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9:00- 9:45	Session 5: New insights into the microRNA world Dr.Tudor Fulga , Harvard University USA Title: „ <i>Understanding microRNA functions in intact, multicellular organisms</i> ”
9.45-10.30	Prof. Mircea Ivan , Indiana University, USA Title: „microRNA functions in intact, multicellular organisms”
10:30-11:00	<i>Coffee break</i>
11:00-11:45	Session 6: Deciphering complex molecular architectures Dr. Vlad Pena , Max Planck Institute, Gottingen, Germany Title: „ <i>Spliceosome: the most complex macromolecular machinery?</i> ”
11.45-12.30	Dr. Mihnea Bostina , McGill University, Canada Title: „ <i>How non-enveloped viruses enter the cell?</i> ”
12.30-13.15	Dr. Elena Matei , University of Pittsburgh School of Medicine, USA Title: „ <i>Anti-HIV activity of cyanovirin-N</i> ”
13:30-14:30	<i>Lunch</i>
14:30- 15:30	Session 7: Open debate ”Domain-specific criteria for evaluation of scientific research in universities”- FSE Project „Doctorate in Schools of Excellence”
15:30-15:45	<i>Coffee break</i>
15:45-16:30	Closing remarks, conclusions, prospectives