

SATURDAY 22.10.2022

Amphitheater of Zoology "E. Racoviță"

Scientific session

Molecular Biology, molecular metabolism & personalized medicine

Chairpersons:

Acad. Maya Simionescu

Dr. Gabriel Ichim

- 11⁰⁰-11¹⁵ Screening of optimal crystallization conditions for a key protein of bacterial flagellum**
Paula V. Bulieris
National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania
- 11¹⁵-11³⁰ Steps towards the complete OMICS 1 characterization of nicotine metabolism in *Paenarthrobacter nicotinovorans* ATCC 49919**
Marius Mihășan
Faculty of Biology, Alexandru Ioan Cuza University of Iași, Iași, Romania
- 11³⁰-11⁴⁵ The impact of tumor necrosis factor alpha (TNF- α) in breast cancer cell migration**
Daniel Cruceriu^{1,2}, Oana Baldașici¹, Loredana Bălăcescu¹, Ovidiu Bălăcescu¹, Oana Tudoran¹
¹*Department of Genetics, Genomics and Experimental Pathology, The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania;*
²*Department of Molecular Biology and Biotechnology, "Babes-Bolyai" University, Cluj-Napoca, Romania;*
- 11⁴⁵-12⁰⁰ The significance of intensity of CD147 expression in cervical squamous cell carcinoma with/without HPV infection**
Ana-Emanuela Botez¹, Laura Stoica¹, Pavel Onofrei ¹, Vasile Bogdan Grecu¹, Doinița Temelie - Olinici¹, Petronela Bărgăoanu¹, Ionuț Cătălin Botezatu¹, Cristina Daniela Dimitriu², Carmen Solcan³, Anca Ileana Sin⁴, Elena Carmen Cotrutz¹
¹*Department of Cell and Molecular Biology, University of Medicine and Pharmacy "Grigore T. Popa" , Iași, Romania;* ²*Department of Biochemistry, University of Medicine and Pharmacy "Grigore T. Popa" , Iași, Romania*
³*Department of Cell and Molecular Biology- University of Agricultural Science and Veterinary Medicine "Ion Ionescu de la Brad" Iasi, Romania;* ⁴*Department of Cell and Molecular Biology - University of Medicine, Pharmacy and Technological Sciences "George Emil Palade" Tîrgu Mureș , Romania*
- 12⁰⁰-12⁰⁵ ePoster: Smooth muscle cells inflammation and secreted inflammatory mediators are increased in the cross-talk with macrophages; modulatory effects of ficolin 2**
Răzvan Macarie, Monica Pîrvulescu, Letiția Ciortan, Anca Gan, Elena Butoi, Ileana Mânduțeanu
Institute of Cellular Biology and Pathology "Nicolae Simionescu", Bucharest, Romania
- 12⁰⁵-12¹⁰ ePoster: Development of biomimetic nanocarriers for delivery of pro-resolving mediators to atherosclerotic plaque**
Maria Anghelache, Mariana Deleanu, Ruxandra Anton, Mihaela Turtoi, Geanina Voicu, Ileana Manduteanu, Maya Simionescu, Manuela Calin
Institute of Cellular Biology and Pathology "N. Simionescu", Bucharest, Romania
- 12¹⁰-12²⁵ Cell-penetrating peptides as non-viral vectors of therapeutics**
Dana Maria Copolovici¹, Cristian Moisa¹, Andreea Ioana Lupitu¹, Lucian Copolovici¹
¹*"Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection; and Institute for Research, Development and Innovation in Technical and Natural Sciences, Romania*