

Young Scientists Conference on Molecular and Cell Biology
April 11th, 2019, IIMCB, Warsaw
- Program -

08:00-09:00	Registration & morning coffee
09:00-09:10	Opening remarks
09:10-10:15	<p>Keynote Lecture Introduction: Marcin Nowotny, IIMCB, Poland Peter Cherepanov, Chromatin Structure and Mobile DNA Laboratory, The Francis Crick Institute, United Kingdom <i>No loose ends, or how retroviruses integrate</i></p>
10:15-11:00	<p>Session I Chair: Maciej Migdał, IIMCB, Poland</p> <p>Carlos Eduardo Sequeiros Borja, Adam Mickiewicz University & International Institute of Molecular and Cell Biology in Warsaw <i>Structural insights into phosphoregulation of endocytosis via AP2 complex</i></p> <p>Anna Stroynowska-Czerwińska, International Institute of Molecular and Cell Biology in Warsaw <i>Specificity of MLL1 and TET3 CXXC domains towards naturally occurring cytosine modifications</i></p> <p>Maria Śladowska, Centre of New Technologies, University of Warsaw <i>Mitochondrial protein import stress can prolong life of Caenorhabditis elegans</i></p>
11:00-11:20	Coffee break
11:20-12:20	<p>Keynote Lecture Chair: Anton Slyvka, IIMCB, Poland Thomas Carell, Department of Chemistry and Pharmacy, Ludwig-Maximilians-Universität München, Germany <i>Discovery, Function and Origin of the second Code in DNA</i></p>
12:20-13:05	<p>Session II Chair: Anton Slyvka, IIMCB, Poland</p> <p>Agnieszka Bysiek, Department of Microbiology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Cracow <i>Inhibition of BET bromodomain proteins suppresses inflammatory activation of gingival fibroblasts and epithelial cells from patients with periodontitis</i></p> <p>Karolina Trochimiak, International Institute of Molecular and Cell Biology in Warsaw <i>Characterization of new bacteriolytic enzymes as a novel promising antistaphylococcal agent</i></p> <p>Marek Zagulski, Genomed <i>Genomed, a source of reliable information</i></p>

13:05-14:20	Lunch and poster session
14:20-15:20	<p>Keynote Lecture Chair: Anna Stroynowska-Czerwińska, IIMCB, Poland</p> <p>Holger Stark, Department of Structural Dynamics, Max Planck Institute for Biophysical Chemistry, Germany <i>3D structure determination of large and dynamic macromolecular complexes by cryo-EM</i></p>
15:20-16:05	<p>Session III Chair: Anna Stroynowska-Czerwińska, IIMCB, Poland</p> <p>Edyta Działo, Department of Clinical Immunology, Jagiellonian University Medical College, Cracow <i>Exosomes transport WNT proteins and activate WNT signaling pathway in human cardiac fibroblasts</i></p> <p>Justyna Jędrychowska, International Institute of Molecular and Cell Biology in Warsaw <i>The role of Kcnb1 in the development of ear in zebrafish</i></p> <p>Konrad Łukaszyk, Centre of New Technologies, University of Warsaw <i>The architecture and function of genes affected by Id2 - the transcriptional regulator of hair follicle stem cells</i></p>
16:05-16:25	Coffee break
16:25-17:25	<p>Keynote Lecture Chair: Gabriela Jędruszewska, IIMCB, Poland Jacek Kolanowski, Institute of Bioorganic Chemistry, Polish Academy of Sciences, Poland <i>Chemical tools to see the biological World</i></p>
17:25-18:10	<p>Session IV Chair: Gabriela Jędruszewska, IIMCB, Poland</p> <p>Agata Nowacka, Nencki Institute of Experimental Biology PAS, Warsaw <i>Activity-Dependent Trafficking Of PSD-95 During Chemical LTP And LTD</i></p> <p>Anna Sarosiak, Department of Genetics, Institute of Physiology and Pathology of Hearing, Warsaw <i>The use of single-cell next generation sequencing for comprehensive chromosome screening in human first polar bodies and oocytes</i></p> <p>Kacper Walentynowicz, Nencki Institute of Experimental Biology PAS, Warsaw <i>In vitro and in vivo analysis of microglia responses in preclinical model of glioblastoma</i></p>
18:10-18:20	Closing remarks
18:30	Get-together and awards ceremony