

# BIOCEV DAYS

# 2017

## JUNE 19 - 20

BIOCEV, PRŮMYSLOVÁ 595, VESTEC 252 50  
CZECH REPUBLIC

DAY 1

MONDAY, JUNE 19

BIOCEV DAYS 2017: Main conference hall (room no. U2.012)

12:30 - 13:10	<b>RESEARCH PROGRAM No. 1</b> <b>Functional Genomics</b> Head: Assoc. Prof. Radislav Sedláček, Ph.D.	<b>Genome-Wide Imprints of Human Carcinogens</b> <b>Jiří Zavadil</b> Molecular Mechanisms and Biomarkers Group, Head; WHO International Agency for Research on Cancer, Lyon, FRANCE
13:10 - 13:50		<b>Simultaneous Inactivation of Klk5 and Klk7 Fully Rescues Lethal Phenotype of Netherton Syndrome Mouse Model</b> <b>Petr Kašpárek</b> Laboratory of Transgenic Models of Diseases, Division BIOCEV, Institute of Molecular Genetics of the Czech Academy of Sciences (CAS)
13:50 - 14:10		<b>COFFEE BREAK</b> Foyer at the Conference Hall
14:10 - 14:50		<b>Intrinsically Disordered Proteins Drive Enamel Formation via an Evolutionarily Conserved Self-Assembly Motif</b> <b>Jan Procházka</b> Laboratory of Transgenic Models of Diseases, Division BIOCEV, Institute of Molecular Genetics (CAS)
14:50 - 15:30		<b>Transcriptional Regulation in the Development and Functional Maintenance of the Inner Ear</b> <b>Gabriela Pavlínková</b> Lecture on joint research of the Institute of Biotechnology (CAS) and the Institute of Experimental Medicine (CAS)
15:30 - 15:50		<b>COFFEE BREAK</b> Foyer at the Conference Hall
15:50 - 16:30	<b>RESEARCH PROGRAM No. 2</b> <b>Cellular Biology and Virology</b> Head: Prof. RNDr. Jan Tachezy, Ph.D.	<b>Proteomics Analyses of Quorum Sensing in the Pathogenic Yeast Candida Albicans</b> <b>Jean-Michel Camadro</b> Mitochondria, Metals and Oxidative Stress - Group Leader, Mass Spectrometry Lab and Proteomics Core Facility - Head, Jacques Monod Institute - Paris Diderot University
16:30 - 17:10		<b>Virus Sensing by Mechanisms of the Innate Immunity</b> <b>Ivan Hirsch</b> Faculty of Science, Charles University
17:10 - 17:50		<b>Novel Fluorescence Probes: from Diagnosis to Theranostic</b> <b>Vladimír Král</b> 1 <sup>st</sup> Faculty of Medicine, Charles University
17:50	<b>POSTER SESSION</b> (with commentary and drink) MAY CONTINUE DURING A BUFFET DINNER	
19:00 - 21:00	<b>BUFFET &amp; BARBECUE DINNER</b>	

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The program and time schedule is subject to further minor changes and clarification.



Biotechnology and Biomedicine Centre  
of the Academy of Sciences and Charles University in Vestec



# BIOCEV DAYS 2017

DAY 2

TUESDAY, JUNE 20

BIOCEV DAYS 2017: Main conference hall (room no. U2.012)

09:00 - 09:40		<b>Immunomodulatory Protein Binders Derived from Albumin-Binding Domain Scaffold as Blockers of Th17-mediated Inflammation</b> <b>Petr Malý</b> Institute of Biotechnology (CAS)
09:40 - 10:20	<b>RESEARCH PROGRAM No. 3 Structural Biology and Protein Engineering</b> Head: Dr. Bohdan Schneider	<b>Multiple Roles of Histone Deacetylase 6 in Cell Physiology</b> <b>Cyril Bařínka</b> Institute of Biotechnology (CAS)
10:20 - 11:00		<b>Exploring the Functional Potential of Nucleic Acids</b> <b>Edward Curtis</b> Institute of Organic Chemistry and Biochemistry (CAS)
11:00 - 11:20		<b>COFFEE BREAK</b> Foyer at the Conference Hall
11:20 - 12:00	<b>RESEARCH PROGRAM No. 4 Biomaterials and Tissue Engineering</b> Head: Eduard Brynda, Ph.D.	<b>Cancer as Inspiration for Regenerative Medicine and Wound Healing</b> <b>Karel Smetana</b> 1 <sup>st</sup> Faculty of Medicine, Charles University
12:00 - 12:40		<b>Bioactive Fibrin Coatings and Polymer Brushes for Cardiovascular Tissue Engineering</b> <b>Elena Filová</b> Institute of Physiology (CAS)
12:40 - 13:20		<b>Synthetic Polymer Vaccines for the Infectious Diseases Prophylaxis</b> <b>Richard Laga</b> Institute of Macromolecular Chemistry (CAS)
13:20 - 14:30		<b>LUNCH BREAK, CANTEEN</b>
14:30 - 15:10	<b>RESEARCH PROGRAM No. 5 Development of Diagnostic and Therapeutic Procedures</b> Head: Prof. Stanislav Kmoč, Ph.D.	<b>Regulation of Gene Expression by Nuclear Receptors - Connections to Cell Structural States and Origins of Ligand Specificities</b> <b>Zdeněk Kostrouch</b> 1 <sup>st</sup> Faculty of Medicine, Charles University
15:10 - 15:50		<b>Horizontal Transfer of Mitochondria in Cancer</b> <b>Jiří Neužil</b> Institute of Biotechnology (CAS)
15:50 - 16:30		<b>Single Cell Expression Analysis</b> <b>Mikael Kubista + Radek Šindelka</b> Institute of Biotechnology (CAS)
16:30	<b>OFFICIAL CLOSING</b>	

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