

Venue

BIOCEV - Biotechnology and Biomedicine Centre of the Academy of Sciences and Charles University

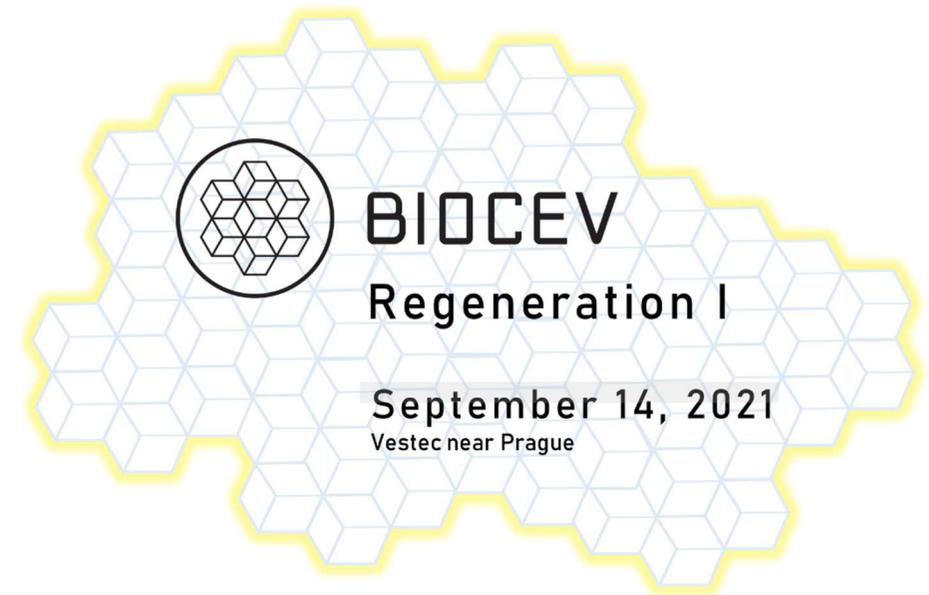
Průmyslová 595, 252 50 Vestec, Czech Republic

Main conference hall

www.biocev.eu

Organizers, partners and support

 Institute of Experimental Medicine, CAS	 BIOCEV					
 FYZIOLOGICKÝ ÚSTAV AV ČR	 INSTITUTE OF MACROMOLECULAR CHEMISTRY	 Bio	 JIMDIK	 FACULTY OF BIOMEDICAL ENGINEERING, CTU IN PRAGUE	 Bioinova	 MUNI Masaryk University
 EASTPORT LIFESCIENCE						
 EUROPEAN UNION European Structural and Investment Funds Operational Programme Research, Development and Education		 NSRF	 V4RM			 Visegrad Fund
NEURORECON CZ.02.1.01/0.0/0.0/15_003/0000419						



Programme

9.00	Registration
10.00	Welcome addresses Miroslava Anděrová, Director, <i>Institute of Experimental Medicine, CAS</i> Pavel Martásek, Scientific Director, <i>BIOCEV</i>
	Session I Strategies and tools in neuroregeneration
10.15	Regeneration of axons in the Central Nervous System James Fawcett <i>Cambridge Centre for Brain Repair, United Kingdom</i>
10.45	Extracellular matrix in neuroplasticity and regeneration Jessica CF Kwok <i>University of Leeds, United Kingdom</i>
11.15	Organoids - powerful technology to study brain development and disease Leonora Bużańska <i>Mossakowski Medical Research Institute, PAS, Poland</i>
11.45	Coffee break
	Session II Stem cells in regenerative medicine
12.00	Regenerative medicine solutions for type 1 diabetes: the iNanoBit project András Dinnyés <i>BioTalentum LTD, Hungary</i>

12.30	Expandable lung epithelial cells differentiated from human embryonic stem cells Petr Vaňhara <i>Masaryk University, Brno, Czech Republic</i>
13.00	Lunch
	Session III Advances in biomaterials and tissue engineering
14.00	Cell-biomaterial interaction: lessons from vascular, bone and skin tissue engineering Lucie Bačáková <i>Institute of Physiology CAS, Prague, Czech Republic</i>
14.30	Biofunctional polymer brushes intended for tissue regeneration applications Ognen Pop-Georgievski <i>Institute of Macromolecular Chemistry, CAS, Czech Republic</i>
15.00	Coffee break
	Session IV Cell manufacturing and biobanking
15.15	Regulatory requirements for use of mesenchymal stem cells in clinical practice Peter Bauer <i>Bioinova Ltd., Czech Republic</i>
15.45	Stem cell banking for regenerative medicine Yuriy Petrenko <i>Institute of Experimental Medicine, CAS, Czech Republic</i>
16.15	Closing remarks