



Proteins for Life – The 12th P4EU meeting

11-12 December 2017

BIOCEV, Czech Republic

Location: BIOCEV – Biotechnology and Biomedicine Centre of the Academy of Sciences and Charles University, Průmyslová 595, Vestec – www.biocev.eu

Program: Monday, 11th December – Conference Hall (U2.012)

Time	Title of the talk	Speaker
09:30 – 10:00	Gathering and COFFEE	Outside conference hall
10:00 – 10:20	Program Overview & Welcome Address	Prof. Pavel Martásek, BIOCEV Director
10:20 – 10:40	P4EU Introduction	Dr. Sabine Supmann, Max-Planck Institute of Biochemistry
10:40 – 11:10	Combining cell-free protein production with nanoparticle technologies	Dr. Frank Bernhard, Goethe University Frankfurt
11:10 – 11:30	Minimal cell: a cell-free protein synthesis in micro compartments	Dr. Lei Kai, Max-Planck Institute of Biochemistry
11:30 – 12:00	Expression of IL-7 mutants modulating T-cell signaling in <i>E. coli</i> and <i>P. pastoris</i>	Dr. Ralf Paul, Medivir AB
12:00 – 12:30	The evolution of HEK293 expressions within the VIB Protein Core	Eng. Jurgen Haustraete, Protein Core, UGent – VIB
12:30– 13:30	LUNCH	BIOCEV Canteen
13:30 – 14:00	Rational design of CHO cell lines	Dr. Stefan Kol, Technical University of Denmark
14:00 – 14:40	Stronger, tighter, faster: improving protein stability, activity, and affinity through computational protein design	Dr. Sarel Fleishman, Weizmann Institute of Science
14:40 – 15:10	High-throughput PROSS benchmarking study + first validation results in <i>E. coli</i> and insect/mammalian systems	Dr. Renaud Vincentelli, AFMB Marseille Dr. Svend Kjaer, The Francis Crick Institute
15:10 – 15:30	Bovine antibody production and structural insight into the role of the light chain	Dr. Joanne Nettleship, Oxford Protein Production Facility
15:30 – 16:00	COFFEE BREAK	Outside conference hall
16:00 – 16:30	HTP protein production for drug discoveries, even small academic labs can hope to make money one day	Dr. Renaud Vincentelli, AFMB CNRS University Aix Marseille
16:30 – 16:50	Optimization of expression of extracellular 3'-nuclease/nucleotidase from <i>Legionella pneumophila</i> in <i>E. coli</i>	Dr. Tomáš Koval', IBT CAS, BIOCEV



16:50 – 17:10	How to prepare your protein for crystallization trials	Dr. Pavlína Řezáčová, IMG & IOCB CAS
17:10 – 17:30	Adaptation of GoldenBac cloning system for FlashBac users	Dr. Peggy Stolt-Bergner, VBCF Vienna Dr. Nicholas S. Berrow, IRB Barcelona
17:30 – 18:00	Transient Gene Expression in Hi5 Insect cells	Joop van den Heuvel, Helmholtz Centre for Infection Research
18:00 – 19:00	Transfer to DINNER (P4EU/speakers)	Prague City Center

Program: Tuesday, 12th December – Seminar Hall (U2.020A / U2.020B)

Time	Title of the talk	Speaker
09:30 – 10:00	Gathering and COFFEE	Outside conference hall
10:00 – 10:20	BCDD PPT – Making Quality Proteins for Translational Research	MSc. Sharon Shepherd, University of Dundee
10:20 – 10:40	Thermofluor Assay: How to make your protein happy	Dr. Jana Škerlová, IMG & IOCB CAS
10:40 – 11:00	ARBRE-MOBIEU network introduction & overview of joint activities with P4EU	Dr. Frederico Silva, IBMC, I3S, University of Porto
11:00 – 11:20	Recombinant protein QC using FT-ICR MS: new dimensions in old fashioned techniques	Dr. Petr Pompach, IBT CAS, CMS BIOCEV
11:20 – 11:40	Protein H/D exchange: development and applications for structural MS	Dr. Petr Man, IMB CAS, BIOCEV
11:40 – 12:00	New structurally robust protein scaffolds for directed evolution	MSc. Phuong Ngoc Pham, IBT CAS, BIOCEV
12:00– 13:00	LUNCH	BIOCEV Canteen
13:00 – 15:00	Tour around BIOCEV core facilities P4EU general discussion & networking	P4EU members
15:00 – 15:30	COFFEE BREAK	Outside conference hall
15:30 – 17:30	Protein Characterization and Interaction Techniques Workshop	Centre of Molecular Structure, BIOCEV – room no. I1.022
17:30 – 18:00	End of meeting, departure	

Registration: Please, register yourself by sending an email to registrace@biocev.eu stating your name and affiliation with “P4EU meeting” as the subject.

Deadline for registration is 30th November 2017.

We are cordially looking forward to meeting you in Prague!