


8th – 9th November 2021: second vP4EU meeting Agenda

The meeting will start at 13:00 CET, please have your personal link ready and login 10 min earlier to start on time!

Day1:

Chair: Nick Berrow

Co-host: Barbara Borgonovo

13.00-13.10 CET	Introduction to the second vP4EU meeting	Nick Berrow , Protein Expression Core Facility, Institute for Research in Biomedicine Barcelona, Spain
13.10-13.30 CET	Host PDZ-containing proteins targeted by SARS-CoV-2	Renaud Vincentelli , AFMB, Marseille, France
13.30-14.00 CET	Detergent-free purification of membrane proteins produced by virus-free TGE in High-Five insect cells	Jagan Mohan Kaipa , Helmholtz Centre for Infection Research, Department of Recombinant Protein Expression (RPEX), Braunschweig, Germany
14.00-14.30 CET	Recombinant Transient Gene Expression and Preparation of HBsAg VLPs for Serology and Structural Analysis	Michael Lehky , Helmholtz Centre for Infection Research, Department of Recombinant Protein Expression (RPEX), Braunschweig, Germany
14.30-14.45 CET	Benchmarking recombinant growth factors: an update	Barbara Borgonovo , PEPC, MPI CBG, Dresden, Germany, Nick Berrow , Protein Expression Core Facility, Institute for Research in Biomedicine Barcelona, Spain
14.45-15.15 CET		Coffee Break

Chair: Svend Kjaer


Co-host: Kim Remans

15.15-15.30 CET	The CSSB protein production facility	Susanne Witt , CSSB, Hamburg, Germany
15.30-16.00 CET	Mass photometry	Maria Garcia , Sample Preparation and Characterisation Facility, EMBL Hamburg, Germany
16.00-16.30 CET	Mass sensitive particle tracking	Tamara Heermann , Max Planck Institute of Biochemistry, Martinsried, Germany
16.30-16.45 CET	Summary ELN workshop	Anja Schuetz , Protein Production and Characterization Platform, Max Delbrueck Center for Molecular Medicine, Berlin, Germany
16.45-17.15 CET	An engineered SUMO protease for enhanced on-column cleavage	Chris Bahl , AI Proteins Inc, Boston, USA

Day2:

Chair: Kim Remans

Co-host: Nick Berrow

13.00-13.30 CET	SARS-CoV-2 variant prediction and antiviral drug design are enabled by RBD in vitro evolution	Gideon Schreiber , Weizmann Institute of Science, Rehovot, Israel
13.30-14.00 CET	Dodecin as a platform for expressing peptides or antigens	Florian Bourdeaux , Institute of Organic Chemistry and Chemical Biology, Goethe University Frankfurt, Germany
14.00-14.30 CET	Selection of conformation specific nanobodies	Eric Geertsma , PEPC, Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany
14.30-14.45 CET	Validation of the NanoTemper Andromeda system	Arie Geerlof , PEPF, Helmholtz Institute, Munich, Germany
14.45-15.15 CET		Coffee Break

Chair: Barbara Borgonovo

Co-host: Svend Kjaer

15.15-15.30 CET	Strategy for low expressed proteins	Sabine Suppmann , Protein Production, Max Planck Institute of Biochemistry, Martinsried, Germany
15.30-16.00 CET	SoluProtMutDB (mutational database of protein solubility) and FireProt (tool for suggesting stability-enhancing mutations)	Jan Veleckey , Loschmidt Laboratories of Protein Engineering, Masaryk University, Brno, Czech Republic
16.00-16.15 CET	GeneCorner: a European biological resource center at your service	Martine Vanhoucke , BCCM/GeneCorner Plasmid Collection, Department of Biomedical Molecular Biology, Ghent University, Belgium
16.15-16.30 CET	TBA	Hadar Amartely , Protein Purification and Characterization Facility, Hebrew University of Jerusalem, Israel
16.30-16.45 CET	Solving a downstream problem in an industrial project (short talk)	Mario Lebendiker , Protein Purification and Characterization Consultant, Freelance, Jerusalem, Israel
16.45-17.00 CET	TBA	Tsafi Danieli , Protein Expression Core Facility, Hebrew University of Jerusalem, Israel

Special Session:

Chair: Nick Berrow

Co-hosts: Svend Kjaer, Kim Remans, Barbara Borgonovo

17.00-17.20 CET	COST Application in 2022	Ondrej Vanek , Laboratory of Structural Biochemistry of Immune Recognition, Charles University, Prague, Czech Republic
17.20-18.00 CET	'House-keeping' meeting: general discussion on P4EU business, future plans and updates	Nick Berrow , Protein Expression Core Facility, Institute for Research in Biomedicine Barcelona, Spain