

16th November 2020 : vP4EU meeting Agenda

The meeting will start at 10:00 CET, please login 5-10 min earlier in order to start punctually

Covid Proteins Special Session I:

Chair: Svend Kjaer, Structural Biology, The Francis Crick Institute, London, United Kingdom
Co-hosts: Nick Berrow, Kim Remans, Mario Lebedinker, Barbara Borgonovo

10.00-10.10 CET	Introduction to the first vP4EU meeting	Nick Berrow , Protein Expression Core Facility, Institute for Research in Biomedicine Barcelona, Spain
10.10-10.40 CET	Towards an efficient platform for the production of CoV-2 proteins and its human receptor.	Joop van den Heuvel , Recombinant Protein Expression, Helmholtz Centre for Infection Research, Braunschweig, Germany
10.40-11.10 CET	Identification, Mapping and Relative Quantitation of SARS-CoV-2 Spike Glycopeptides by Mass-Retention Time Fingerprinting	Rod Chalk , Structural Genomics Consortium Oxford, United Kingdom
11.10-11.30 CET	Optimization of expression levels of the SARS-CoV2 spike ectodomain protein in both 293F and CHO-S cells	Mikael Andersson , Mammalian Protein Expression Core Facility at the University of Göteborg, Sweden
11.30-12.00 CET		Coffee Break
12.00-12.30 CET	Measuring coronavirus Spike:ACE2 binding affinity and kinetics using the Biacore 8K	Steven Harborne , Peak Proteins, Macclesfield, Cheshire, United Kingdom
12.30-13.00 CET	Optimizing the production of SARS-CoV-2 recombinant proteins for serology assay deployment	Dominic Esposito , Protein Expression Laboratory, Frederick National Laboratory for Cancer Research, Frederick, Maryland, United States
13.00-14.00 CET		Lunch Break

General Session II:

Chair: Kim Remans, Protein Expression and Purification Core Facility, EMBL Heidelberg, Germany

Co-hosts: Nick Berrow, Svend Kjaer, Mario Lebedinker, Barbara Borgonovo

14.00-14.15 CET	Avian Technological Unit (ATU) – Revisiting Birds for Antibody Development	Ricardo S. Vieira-Pires , CNC - Center for Neuroscience and Cell Biology, University of Coimbra, Portugal
14.15-14.45 CET	IEX-MALS: Applications in process developing and protein characterisation	Mario Lebedinker , Protein Purification Facility, The Wolfson Center for Applied Structural Biology, The Hebrew University of Jerusalem, Israel
14.45-15.00	An Introduction to the Protein Science Lab at Boehringer Ingelheim-RC	Peggy Stolt-Bergner , Boehringer Ingelheim, Vienna, Austria
15.00-15.15 CET	Bioprocess Engineering Department: model-assisted, high-throughput protein production and purification in plant cells	Johannes Buyel , Fraunhofer Institute for Molecular Biology and Applied Ecology IME Department Bioprocess Engineering, Aachen, Germany
15.15-15.30 CET		Coffee Break
15.30-16.00 CET	Sample preparation for NMR	Anne Dhiel , Protein Expression and NMR Sample Preparation, Leibniz-Forschungsinstitut für Molekulare Pharmakologie im Forschungsverbund, Berlin, Germany
16.00-16.30 CET	Establishing a pipeline for efficient production of integral membrane proteins in High Five insect cells for structural and functional analysis.	Jagan Mohan Kaipa , Helmholtz Centre for Infection Research, Department of Recombinant Protein Expression (RPEX), Braunschweig, Germany
16.30-16.40 CET	Introduction to the biochemistry and biophysic facility (B&B facility), Institute of Psychiatry and Neuroscience of Paris (IPNP)	Erwan Boëdec , Plateforme Biochimie et Biophysique, INSERM, Paris, France.
16.40-17.00 CET	Introduction to the Protein and Biophysics/X-ray Core Facilities at the MPI Dortmund.	Jan-Erik Hoffmann and Raphael Gasper-Schönenbrücher , Protein and Biophysics/X-ray Core Facilities, Max Planck Institute of Molecular Physiology Dortmund, Germany

Session III:

Chair: Nick Berrow

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

17.00-18.00 CET	House-keeping' meeting: general discussion on P4EU business, future plans and updates	<i>Nick Berrow, Protein Expression Core Facility, Institute for Research in Biomedicine Barcelona, Spain</i>
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