

AdBIOPRO Symposium - Bioproduction of Therapeutic Biologics

AlbaNova 13th of October 09:30 to 18:00 and -14th of October 8:30 to 12:30, 2025

DAY 1 - OCTOBER 13

09:30 - 10:00	Welcome and registration (coffee)
10:00 - 10:05	Welcome and Introduction, Véronique Chotteau, Director of AdBIOPRO
10:05 - 10:05	Prof. Johan Rockberg, KTH, Chair Assoc. Prof. Evren Alici, Karolinska Institutet
10:05 - 10:35	Engineering AAV vectors: improving efficiency and vector genome cargo size - Ana Coroadinha, iBET, Portugal
10:35 - 11:00	Heterogeneity in an Adeno-Associated Virus transfection-based production process limits the production efficiency - Sofia Tunmats, KTH
11:00 - 11:25	Adeno-associated virus production intensification by continuous bioprocess with repeated transfections in high cell-density perfusion bioreactors - Ye Zhang, KTH
11:25 - 11:50	Enhancing rAAV yield through mixer-based optimization of transient transfection for scalable gene therapy production - Brian Ladd, KTH
11:50 - 12:00	Removal of inhibitory compounds from high cell density cultures for transient production of rAAV - William Larsson, KTH
12:00 - 13:30	Lunch and poster session
	Prof. Daniel Aili, Linköping University and Prof. Torbjörn Gräslund, KTH
13:30 - 14:00	Biofabrication strategies of 3D in vitro tissue and disease models, and materials for cell transplantation for wound healing - Daniel Aili, Linköping University
14:00 - 14:30	Perfusion Process for the expansion of human mesenchymal stromal cells scale-up at pilot scale - Johanna Pechan, KTH and CellColabs
14:30 - 14:50	Automated large-scale expansion of gene-modified natural killer cells for allogeneic cell therapy - Stefanie Renken, Karolinska Institute
14:50 - 15:10	Automating iPSC expansion using hollow-fibre perfusion technology - Sophia Borate, Karolinska Institute
15:10 - 15:40	Engineering of mammalian cell factories for production of challenging biologics - Magdalena Malm, KTH
15:40 - 16:20	Coffee break
16:20 - 16:50	Biolaminin as a defined substrate for automated cell culture at scale - Evan Lee Graham, BioLamina
16:50 - 17:00	HEK293 aggregates as model for optimizing stem cell bioprocessing parameters - Meeri Mäkinen, KTH
17:00 - 17:30	Industrial production of ATMPs, from research to GMP: the development journey to the clinic - Michael Delahaye, CCRM Nordic
17:30 - 18:00	Risks for ATMP induced tumorigenicity from a regulatory perspective - Björn Carlsson, SSI Strategy
18:00	Mingle and Dinner

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DAY 2 - OCTOBER 14

08:30 - 09:00	<i>Start of day 2 - Coffee is served</i>
	<i>Chairs Prof. Bernt Nilsson, Chemical Engineering, Lund University and Prof. Sophia Hober, Protein Technology, KTH</i>
09:00 - 09:30	Model-based feed-medium optimization for mAb yield maximization produced by CHO cells under perfusion culture - Kévin Colin, Université de Lorraine, France
09:30 - 10:00	Downstream purification strategies for complex antibodies - Andreas Jonsson, Cytiva
10:00 - 10:30	Integration of buffer recycling in advanced antibody downstream processes - Julius Klemens Lorek, Lund University
10:30 - 11:00	<i>Coffee break</i>
11:00 - 11:30	Digital bioprocessing using electro-responsive brushes - Gustav Ferrand-Drake del Castillo, Nyctea Technologies
11:30 - 12:00	Enhancing biomanufacturing: A scaled-down continuous centrifuge for efficient cell harvesting and technology transfer - Michaela Dölle, KTH and AlfaLaval
12:00 - 12:30	David Vikström, Alvotech, Biosimilar development – Alvotech a world leading biosimilar company investing in a growing R&D hub in Stockholm
	<i>End of AdBIOPRO Symposium 2025</i>

Please register at: <https://axacoair.se/go?OKftVBM4>