



# Cell Factories for Industrial Bioproduction

CFIB2020 - Selecting and enhancing expression systems for biomolecules production

*DRAFT Program in progress subject to changes (update Feb 22)- not to for broad diffusion*

**Tuesday, October 27, 2020**

8:30 Welcome coffee

9:00-9:10 **Adebiotech welcome address**  
**Sylvio BENGIO**, Adebiotech, France

9:10-9:35 **Keynote lecture**  
**Fayza DABOUSSI**, Director Life Sciences at Toulouse White Biotechnology (TWB), France

## 9:40-10:55 SESSION 1 - INDUSTRIAL STRATEGIES, Part 1

9:40-10:00 **Marie BEZANGER**, Deinove, France  
*Deinococcus as a cell factory for carotenoids*

10:05-10:25 **John McBRIDE**, Sr. Director R&D, MASCOMA Corp. (Lallemand), Dartmouth College, USA  
*Approaches for Yeast engineering (Title to be confirmed)*

10:30-10:50 **Anthony BRESIN**, Chief Technology Officer, HTL Biotechnology, France  
*Production of novel polysaccharides by fermentation (Title to be confirmed)*

10:55-11:15 *Coffee break / exhibitions / posters / networking*

## 11:20-12:30 SESSION 1 - INDUSTRIAL STRATEGIES, Part 2

11:20-11:40 **Frank DELVIGNE**, Professor, University of Liège, Belgium  
*Scale-up of microbial processes: a modern light on an old issue*

11:45-12:05 **Jan-Willem de GIER**, Professor, Stockholm University, Sweden  
*Engineering E. coli Strains for Recombinant Protein Production*

12:10-12:30 **Dominique THOMAS**, CSO/CEO, Alderys, France  
*Synthetic biology platforms for yeast engineering (Title to be confirmed)*

## 12:30-13:00 ROUND TABLE INTELLECTUAL PROPERTY, LICENSING AND SUSTAINABILITY

*Chairs: Alexis RANNOU, Givaudan and Fayza DABOUSSI, TWB*

**Guy HELIN**, CEO & Co-Founder, Syngulon, Belgium

**Fabien PALAZZOLI**, IP Studies, Lausanne Switzerland

**Dominique THOMAS**, Alderys *(to be confirmed)*

**Laurie HAMELIN**, INSA

**13:00-14:15** *Buffet lunch / exhibitions / posters / networking*

## 14:15-15:45 SESSION 2 – FERMENTATION and SUSTAINABLE PRODUCTION

**14:15-14:30** **Hendrik WAEGEMAN**, Head of business operations, Bio Base Europe Pilot Plant, Belgium  
*Title to be confirmed*

**14:30-14:50** **Wim SOAETERT**, Professor industrial Biotechnology, BBE, University of Ghent, Belgium  
*Metabolic engineering for the production of specialty carbohydrates and biosurfactants*

**14:55-15:15** **Laurie HAMELIN**, INSA *(speaker confirmation awaiting)*  
*Title to be confirmed*

**15:20-15:40** ADISSEO and SOLVAY, LCA Case study *(speaker and Title to be confirmed)*

## 15:45-16:00 PRESENTATION OF SELECTED FLASH POSTERS - Part 1

**16:00-16:30** *Coffee break / exhibitions / posters / networking*

## 16:30-18:05 SESSION 3 – *(session title to be selected)*

**16:30-16:50** Speaker to be confirmed, Ingenza Ltd., Scotland  
*Next generation microbial and mammalian manufacturing platforms exploiting synergies between synthetic and evolutionary biology*

**16:55-17:15** SPEAKER AND TITLE AWAITING CONFIRMATION

**17:20-17:40** SPEAKER AND TITLE AWAITING CONFIRMATION

**17:45-18:05** SPEAKER AND TITLE AWAITING CONFIRMATION

## 18:05-18:35 PRESENTATION OF SELECTED FLASH POSTERS - Part 2

**19:00-20:30** *Cocktail / Networking*

## Wednesday, October 28, 2020

8:15 Welcome coffee

### 8:45-12:05 SESSION 4 – IMPROVING EXPRESSION SYSTEMS FOR THERAPEUTIC PROTEINS

- 8:45-9:05 **Philippe LEDENT**, CSO, X-Press Biologics, Belgium  
*Title to be confirmed*
- 9:10-9:30 **Lars STOCKL**, Senior Director BD and Technology, Glycotope GmbH, Germany  
*GlycoExpress® - An alternative host for difficult to express proteins*
- 9:35-9:55 **Peter SCHOTTE**, Section head CMC Pharmaceutical development, Ablynx, Ghent, Belgium  
*Pichia pastoris (Title to be confirmed)*
- 10:00-10:20 **Guillaume MOTTET**, Sanofi, France  
*Microfluidics approaches for antibody selection (Title to be confirmed)*
- 10:25-10:45 SPEAKER AND TITLE AWAITING CONFIRMATION
- 10:50-11:15 *Coffee break / exhibitions / posters / networking*
- 11:20-11:40 SPEAKER AND TITLE AWAITING CONFIRMATION
- 11:45-12:05 SPEAKER AND TITLE AWAITING CONFIRMATION

### 12:15-13:00 ROUND TABLE - Expression systems for therapeutics

Chairs: **Jacques DUMAS**, Sanofi and X

Participants : to be determined

13:00-14:30 *Buffet lunch / exhibitions / posters / networking*

### 14:30-16:00 SESSION 5 - EMERGING APPROCHES, TECHNOLOGIES AND TOOLS

- 14:30-14:50 **Jean-Baptiste PENIGAULT**, BerkeleyLights Inc. Emeryville, USA  
*Fast cell line development using the Beacon® optofluidics platform (Title to be confirmed)*
- 14:55-15:15 **Moritz VON STOSCH**, GSK Process systems biology  
*Hybrid semi parametric modelling for bioproduction (Title to be confirmed)*
- 15:20-15:40 **Manuel GEA**, BMSystems, France  
*(Title to be confirmed)*
- 15:40-16:00 **INSCRIPTA Onyx™ Platform (to be confirmed)**
- 16:00-16:45 *Coffee break / exhibitions / posters / networking*

### 16:45-17:15 GENERAL DISCUSSIONS and CONFERENCE CONCLUSIONS