



# 8<sup>TH</sup> BIOPRODUCTION CONGRESS

5-6 October 2023 - Lyon - France  
ACCELERATING BIOPHARMA  
DEVELOPMENT FOR PATIENTS

## Post-Event Report

The **Bioproduction Congress (BIOPC)** organized by MabDesign is an international annual conference dedicated to Biomanufacturing of the biopharmaceutical production sector, where stakeholders from around the world gather to showcase and exchange on the latest innovations in bioprocessing. This dynamic event promotes exchanges on the future of bioproduction, addresses the current challenges and showcases the new breakthrough solutions.

## **PROGRAM**

---

- **SCIENTIFIC TALKS**

Listen to the latest developments at the plenary sessions given by leading experts

- **EXHIBITION HALL**

Learn about the most recent innovations to accelerate manufacturing

- **BREAKTHROUGH INNOVATION SESSION**

Discover the new innovations, projects and technologies during short presentations

- **B2B MEETINGS**

Meet and connect with new clients and generate new leads during B2B meetings

- **PARALLEL WORKSHOPS**

Learn from case studies and benefit of interactive discussions with experts

For 8 years, the **BIOPC** has allowed to gather more than **1 810+ Participants**, **245+ Expert Speakers**, held **1 800+ B2B meetings**, hosted **38 Pitches**, **37 Posters** and **190 Sponsors/Exhibitors** have showcased their latest innovations, to produce faster and safer to assure the best quality of biotherapeutic drugs.

## **SAVE THE DATE**



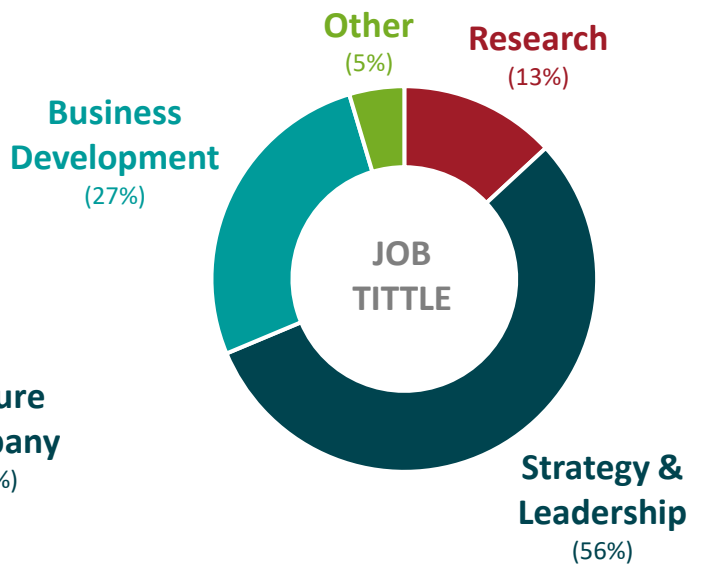
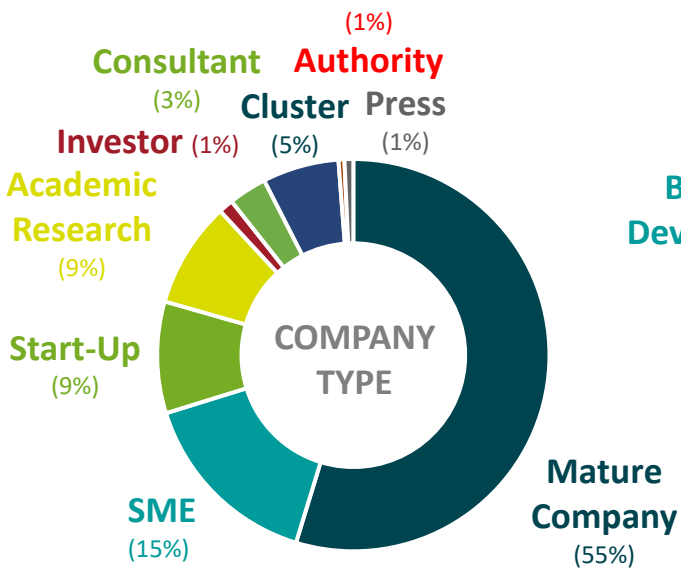
**9<sup>TH</sup> BIOPRODUCTION CONGRESS**

25-26 Septembre 2024 - Tours - France

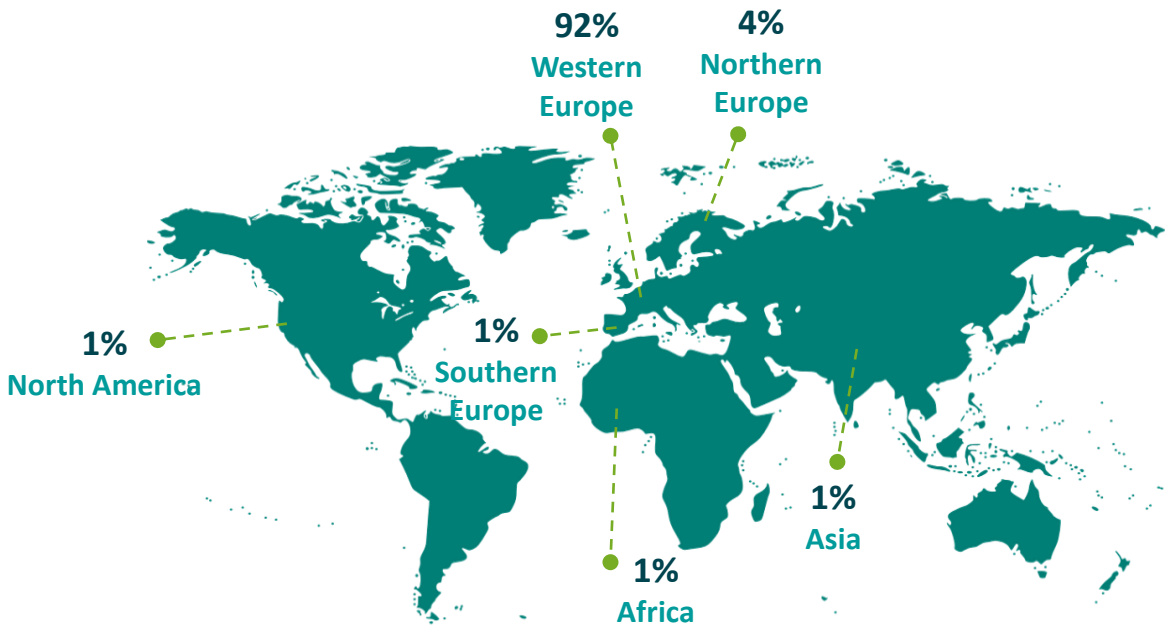
# WHO ATTENDED IN 2023 ?

## KEY FIGURES

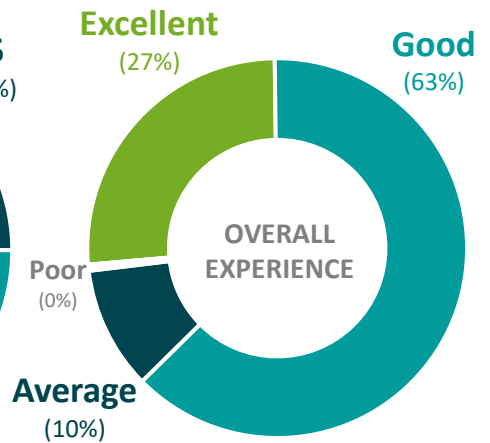
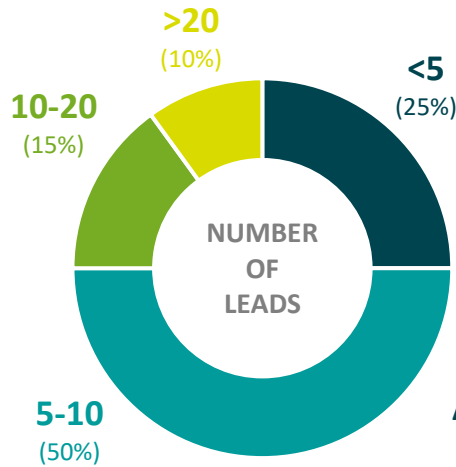
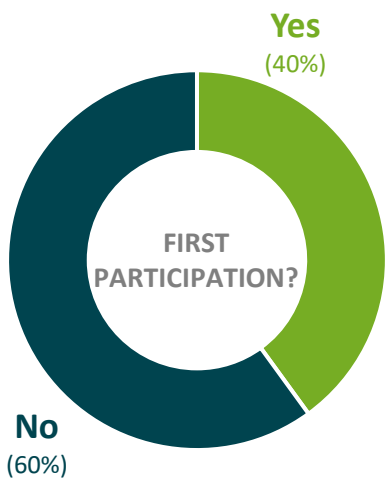
-  **+430** Participants
-  **46** Sponsors/Exhibitors
-  **+500** B2B Meetings
-  **57** Speakers
-  **+200** Different Organizations
-  **30** Posters



## WHERE FROM?



# FEEDBACK FROM 2023 SPONSORS & EXHIBITORS



## WHAT IS SAID ABOUT BIOPC2023

*The conference was a convergence of expertise and innovation, where the brightest minds in the bioprocessing field came together to share insights, engage in fruitful discussions, and explore the latest advancements.*

**Belma Alispahic, AnalysisMode, Finland**

*The BIOPC stands as a beacon in the annual calendar of the biopharmaceutical production sector. It brings together a constellation of key stakeholders from across Europe, serving as the epicenter for the exchange of the latest innovations in the biotechnology world.*

**Wojciech Nowak, Novartis, Switzerland**

# 2023 SPONSORS & EXHIBITORS

# INSTITUTIONAL PARTNERS

# SUPPORTED BY

# MEDIA PARTNERS

#ChatWithChaudhrey #LiveWithChaudhrey 5

DAY 1

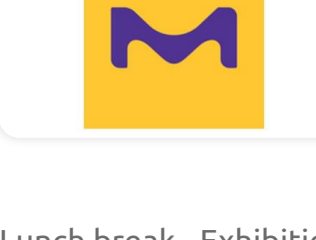

Thursday, 5 October 2023

10h00 Registration and welcome coffee


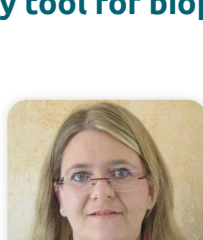
10h50 Welcome Address

11h00 **Opening Keynote Lectures**

**Competitiveness of the European Biomanufacturing in a globalized world**

   
Wojciech Nowak  
Group Senior Director, Global Governmental and Public Affairs  
Novartis International, Switzerland

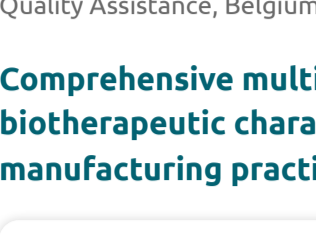
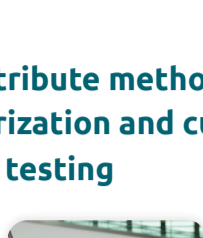
**The contribution of the COVID-19 pandemics on new approaches for accelerating the delivery of CMC data for recombinant proteins from gene to first-in-human**

   
Hervé Broly  
Executive CMC Consultant For Biologics  
Merck-Serono SA, Switzerland

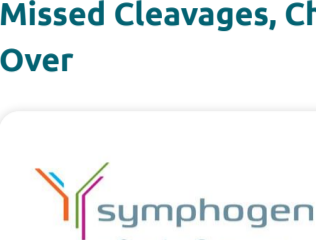
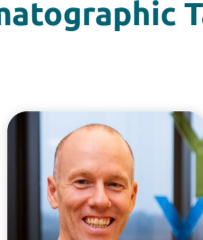
12h00 Lunch break - Exhibition Hall - B2B Meetings

14h00 **Track Multi-Attribute-Method (MAM): latest advancements**

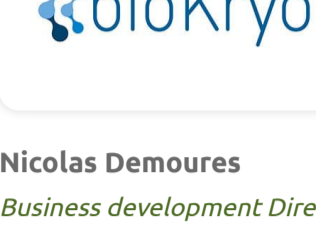

**Use of Multi Attribute Method by mass spectrometry as a QC release and stability tool for biopharmaceuticals - the EFPIA perspective**

   
Annick Gervais  
Head of Analytical Development Sciences  
UCB Pharma, Belgium

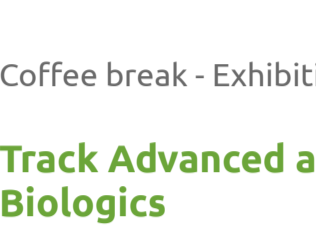
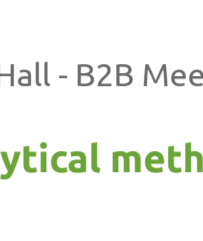
**Is multi-attribute monitoring ready for QC? Insights from an interlaboratory study**

   
Arnaud Delobel  
R&D and Innovation Director  
Quality Assistance, Belgium

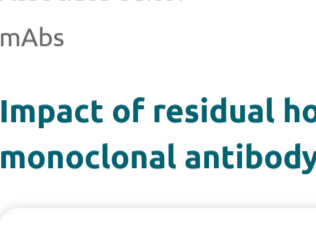

**Comprehensive multi-attribute method workflow for biopharmaceutical characterization and current good manufacturing practices testing**



   
Jonathan Bones  
Principal Investigator  
nibrat, Ireland

**Learnings from the Maturation of a Multi-Attribute Method - Automation, Simplicity, Sticky Peptides, Missed Cleavages, Chromatographic Tailings & Carry-Over**

   
Dan Bach Kristensen  
Principal Scientist  
Symphogen, Denmark

**How to cover your biological resources in your Disaster recovery plan - Risk mitigation**

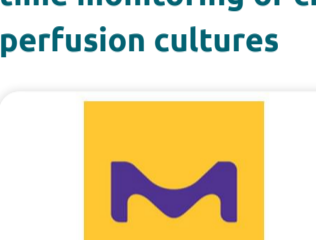
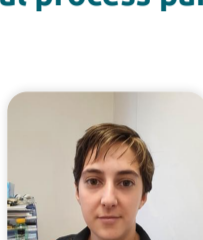
   
Nicolas Demoures  
Business Development Director France - EMEA Subject Matter expert for BioServices  
BioKryo, France

   
Maxime Anquetin  
Head of Development and Operations  
BioKryo, France

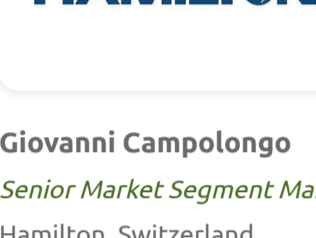
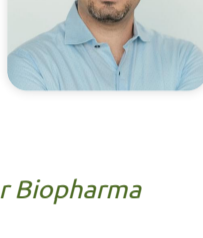
15h30 Coffee break - Exhibition Hall - B2B Meetings

15h50 **Track Advanced analytical methods for Biologics**


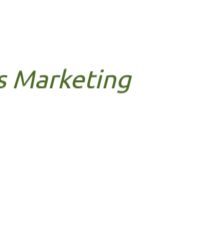
**Advanced LC MS/MS Workflows for HCPs Quantification**

   
Alain Beck  
Senior Director, Biologics CMC & Developability  
Pierre Fabre, France  
Associate editor  
mAbs



**Impact of residual host cell protein on the stability of a monoclonal antibody DP solution**

   
Fabrice Cantais  
Analytical leader for Biologics  
Servier, France


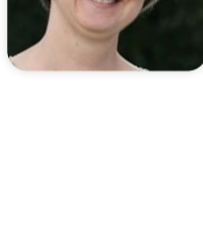
**HCP by MS for QC applications - validation according to ICHQ2 and specification strategy & challenges.**

   
Cyrille Chéry  
Head of the Phys-Chem Method Development group  
UCB Pharma, Belgium

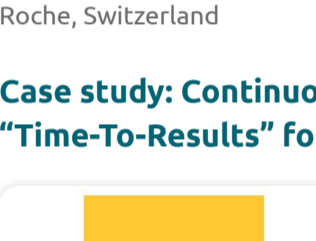

**Integration of Raman spectroscopy for in-line and real-time monitoring of critical process parameters in perfusion cultures**

   
Célia Sanchez  
Biological engineer  
Merck Life Science, France

**Real-time DCO2 Control in Bioprocesses with Innovative Solid-State Technology**

   
Giovanni Campolongo  
Senior Market Segment Manager Biopharma  
Hamilton, Switzerland



**Streamlining at-line automated attributes and cell culture media analysis, with integrated sample preparation and LC-MS analytics, using the Waters Bioprocess Walk-up Solutions**

   
Guillaume Béchade  
Senior Manager, Global Biologics Marketing  
Waters, France


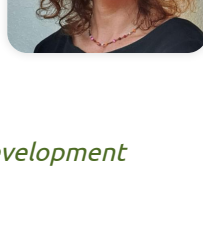
17h40 Break - Exhibition Hall

17h50 **QC and process validation - new developments in ICHQ guidelines**

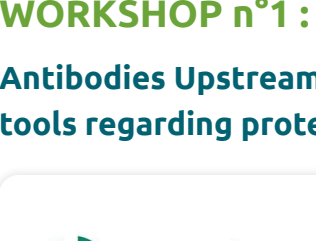
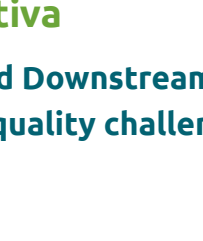
**ICH Quality guidelines: new, revision and trends**

   
Bénédicte Mouterde  
Analytical expert  
SANOFI, France


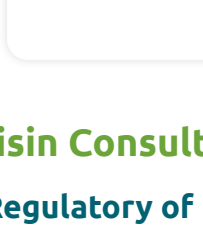
**How can ICHQ14 contribute to efficient development and lifecycle management of analytical procedures?**

   
Christof Finkler  
Senior Technical Advisor Biotech Development  
Roche, Switzerland

**Case study: Continuous Manufacturing of Biologics - "Time-To-Results" for Analytics Challenge**

   
Nandita Vishwanathan  
Lead Scientist, Upstream Process, Global Drug Substance Development  
Merck Serono SA, Switzerland

**SGS Health Science Drug Development Global Support**

   
Luc-Alain Savoy  
Global Head of Biologics  
SGS, Switzerland

19h00 Poster presentation - Exhibition Hall - Wine & Cheese

**Track Process Analytical Technologies (PAT) for Advanced Therapy Medicinal Products (ATMPs)**

**Disruptive nano and micro technologies based devices for bioprocesses monitoring**

   
Nadège Nief  
Deputy Head of Micro-Technologies for Biology and Healthcare division  
CEA Tech - Leti Health, France

**Analytics Simplified - Capsid titer and impurities quantification along the Adeno-Associated Virus (AAV) Manufacture Process using ELA**

   
Violette Vincent  
QC Specialist  
ABL, an Institut Mérieux Company, France

**A Consortium Investigation for the Implementation of PATs for Immunotherapy Manufacturing**

   
John Churchill  
Associate Lead Scientist  
Cell and Gene Therapy Catapult, United Kingdom

**Application of PAT methods to achieve process understanding of NK cell therapy manufacturing**

   
Bence Kozma  
Research Assistant PostDoc  
Technische Universität Wien, Austria

**TBA**

  
Genomic Vision, France

**Track Advanced analytical methods for ATMPs**

**ANALYTICAL developments for viral vectors: NGS-based methods for the characterization of DNA contaminants and genome integrity**

   
TaRGeT  
PV  
Centre for Production of Vaccines

  
Véronique Blouin  
Head of Quality Control/Analytics development and vector core production  
Target, France  
CPV, France

**Monitoring and modeling of enzymatic reactions for process developments of mRNA manufacturing**

   
Supanee Patisophon  
Senior Scientist  
SANOFI, France

**On-line and at-line monitoring of mesenchymal stromal cell (MSC) cultures in bioreactors to optimize cell and secretome production**

   
Eric Olmos  
Professor Bioproduction Engineering  
Platform MTinov, France

**Bioanalytics development for ATMPs and advanced cell models**

   
Patricia Gomes-Alves  
Head of Lab  
IBET, Portugal

**Accelerate AAV process development and characterization with the mass photometry technology**

   
Quentin Bazot  
Group Head - Process Development and Innovation  
ABL, an Institut Mérieux Company, France

**Integration Site Analysis at PathoQuest: Innovation for faster, more certain clone selection and genetic stability testing**

   
Jean-François Brepson  
President and CEO  
PathoQuest, France

**Development of a novel helper plasmid: one step closer to the next generation rAAV vectors**

   
Laure Robert  
Global Product Manager  
Polyplus, France

DAY 2


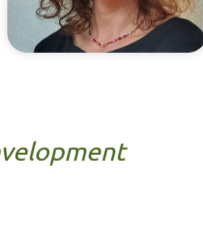
Friday, 6 October 2023

8h30 Welcome coffee

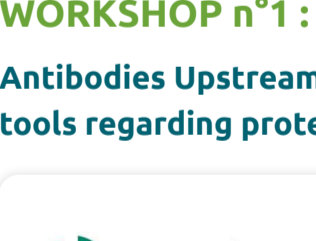
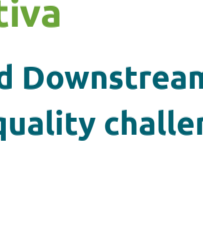
9h00 **Developability in biomanufacturing: process modeling & digital twins**

**Stream ATMPs**


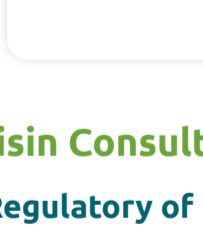
**ANKEV developability: a case study**

   
Benjamin Rossi  
Director Research & Development  
Innate Pharma, France


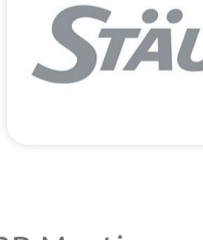
**TRYbe™: an Fc-free multispecific antibody format. Considerations for design and CMC**

   
Sam Heywood  
Director  
UCB Pharma, United Kingdom



**Cell culture digital twins enabling efficient scale-up and tech transfer**

   
Brooke Tam  
Process Engineer  
SANOFI, USA

**A Universal Tool for Stability Predictions of Biologics, Vaccines and In Vitro Diagnostic Products**

   
Didier Clénet  
Research Scientist Formulation & Stability  
SANOFI, France


**Paradigm Shift in Biologics Manufacturing: Leveraging Continuous Manufacturing from First-in-Human Study to Market Supply**

   
Christelle Dagoneau  
VP, Global Biologics Business Development  
Just Evotec, France

10h30 Coffee break - Exhibition Hall - B2B Meetings


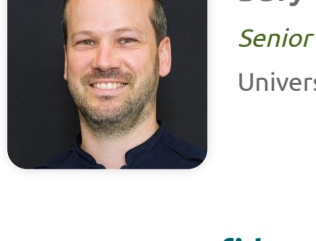
11h00 **WORKSHOP n°1 : Cytiva**

**Antibodies Upstream and Downstream Processing: Play on your projects with scale-up, tech transfer, decision tree tools regarding protein quality challenge**




**WORKSHOP n°2 : LFB Biomanufacturing and Sartorius**

**Challenges and benefits of implementing intensified downstream processing strategies**

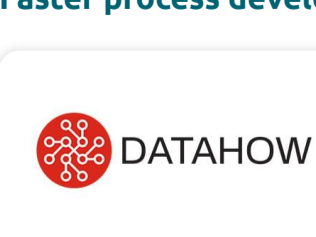
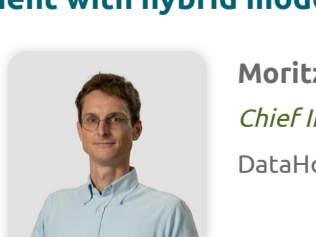
**WORKSHOP n°3 : Voisin Consulting Life Sciences**

**CMC Development and Regulatory of Biologics**



**WORKSHOP n°4 : MGA technologies and Stäubli**



**Capitalizing on the boom in biotherapies : A new era of industrialization and scaling up**



12h30 Lunch - Exhibition Hall - B2B Meetings

14h00 **Keynote Lectures**

**The network of Biopharmaceuticals-Bioproduction Integrators**



   
Nathalie Heuzé-Vourc'h  
Research Professor, UMR 1100 Research Center for Respiratory Diseases  
Inserm, France

**Building the competencies to enable local vaccines manufacturing in Africa**

   
Barbara Ngouyombo  
Associate Director Partnerships  
Institut Pasteur de Dakar, Senegal

15h00 **Breakthrough Innovations in Bioproduction**

**Together, let's build a bioproduction alliance to accelerate the bioproduction in Europe!**

   
Marie Anson  
Project Manager  
EIT Health, France

**TBA**

   
Laurent Lafferrère  
CEO  
France BioLead

**Innovative chromatographic strategy for the detailed characterisation of biopharmaceutical products**

   
Davy Guillard  
Senior lecturer and research associate  
University of Geneva, Switzerland

**How modeling can bring even more confidence in viral inactivation step**

   
Philippe Thomas  
Downstream Bioprocess Expert  
Sanofi, France

**Challenges and solution for performance validation of EM automation**

   
Laura Bailac  
3PBStation Microbiology Leader  
BioMérieux, France

15h40 Coffee break - Exhibition Hall - B2B Meetings

16h00 **Digitalization and automation: connecting end-to-end bioprocess**

**E2E robotized platforms to enhance process development capabilities**

   
Xavier Le Saout  
Manager - Technology and Innovation Bioprocess  
Merck-Serono SA, Switzerland

**Faster process development with hybrid models, transfer machine-learning and digital twins**

   
Moritz von Stosch  
Chief Innovation Officer  
DataHow AG, Switzerland

**Numenta® and Lucillus®: An integrated solution moving PAT from concept to reality**

   
Jort Altenburg  
Key Account Manager  
Securecell AG, Switzerland

17h00 **Closing remarks**

17h10 Exhibition Hall - B2B Meetings

18h00 End of Congress


**The Virtual Twin of processes and equipment to support manufacturing of innovative therapies**

   
Clément Glace  
Life Sciences Industry Solution Experience Consultant  
Dassault Systèmes, France


**New Systems of Augmented Epidemiological Surveillance**

   
Andrea Buccollero  
R&D Project Manager  
Gruppo GPI, Italy

**How AI can transform the bioprocessing industry?**

   
Belma Alispahic  
Head of Business Development  
Analysis Mode, Finland

**End-to-End process Scale up using process consulting, PAT software tools and supported by a robust automation platform**

   
Jérôme Fagnon  
Integrated Solutions Sales Manager  
Sartorius, France

   
Cyril Mak  
Product Manager Bioprocess Software & Automation  
Sartorius, France

**Digital Enabling Fast, Flexible and Reliable Biomanufacturing**

   
Nicolas Pivet  
CM, Automation, Digital & Learning Solutions  
Cytiva

# 2023 SCIENTIFIC ADVISORY BOARD



**Alain Beck**  
*Senior Director, Biologics CMC & developability*  
 Centre d'Immunologie Pierre Fabre



**Roland Beliard**  
*Business Development Director*  
 LFB Biomanufacturing



**Nicola Beltraminelli**  
*Chief Development Officer*  
 Innate Pharma



**Hervé Broly**  
*Executive CMC Consultant for Biologics*  
 Merck



**Cédric Charretier**  
*Global Head Vaccine Drug Substance Development, Vaccine CMC Development Supply*  
 Sanofi



**Olivier Cochet**  
*Head of Biotech Development and Supply*  
 Debiopharm



**Arnaud Delobel**  
*R&D Director Strategy & Innovation*  
 Quality Assistance



**Sophie Derenne**  
*Head of the Department Analysis and Market Development*  
 Etablissement Français du Sang (EFS)



**Annick Gervais**  
*Head of Analytical Development Sciences*  
 UCB Pharma



**Elodie Guidat**  
*MSAT Site Lead Vitry & USP Head Vitry/Lyon*  
 Sanofi



**Michaël Lanero Fidalgo**  
*Chief Operating Officer*  
 TreeFrog Therapeutics



**Laszlo Parta**  
*Director, USP Process Development Research, Development, Manufacturing and Devices*  
 FRESENIUS KABI



**Bernard Vanhove**  
*Chief Development Officer*  
 Egle Therapeutics



**Francisca Gouveia**  
*Innovation, data & digital lead*  
 Novartis



**Oumeya (Mia) Adjali**  
*Senior Scientist in Gene Therapy, Head of TaRGeT laboratory*  
 INSERM



## Join us in 2024



### **12<sup>th</sup> Antibody Industrial Symposium (AIS2024)**

20-21 June 2024 in Montpellier, France

Ana Antunes

+33 (0)6 26 33 63 21

[ana-sofia.antunes@mabdesign.fr](mailto:ana-sofia.antunes@mabdesign.fr)



### **9<sup>th</sup> Bioproduction Congress (BIOPC2024)**

25-26 September 2024 in Tours, France

Pierre-Mehdi Hammoudi

+33 (0)4 78 02 39 89

[pierre-mehdi.hammoudi@mabdesign.fr](mailto:pierre-mehdi.hammoudi@mabdesign.fr)



### **8<sup>th</sup> Immunotherapies & Innovations for Infectious Diseases Congress (I4ID2024)**

November 2024 in Lyon, France

Laure Delhon

+33 (0)4 78 02 39 89

[laure.delhon@mabdesign.fr](mailto:laure.delhon@mabdesign.fr)