



9TH BIOPRODUCTION CONGRESS

25-26 September 2024 - Tours - France

BIOTHERAPEUTICS DEVELOPABILITY
AND RISK MITIGATION

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 9 years, the **BIOPC** has allowed to gather **2 210+ Participants**, **315+ Expert Speakers**, held **2 300+ B2B meetings**, hosted **45 Pitches**, **63 Posters** and **240 Sponsors/Exhibitors** have showcased their latest innovations, to produce faster and safer to assure the best quality of biotherapeutic drugs.



WHO ATTENDED IN 2024?

KEY FIGURES



400+ Participants



50 Sponsors & Exhibitors



500+ B2B Meetings



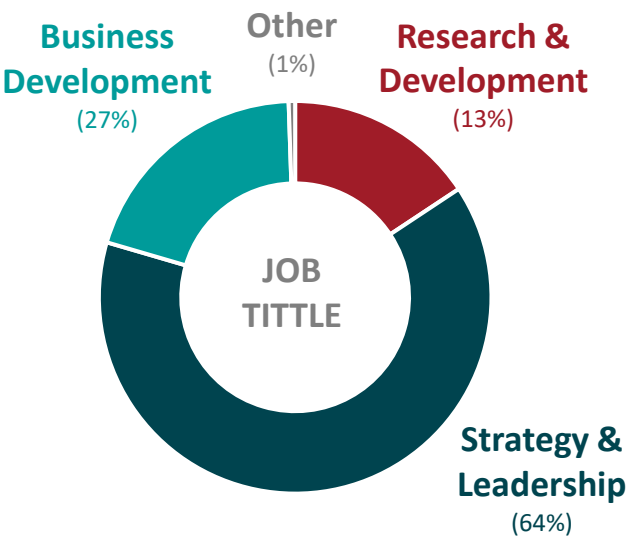
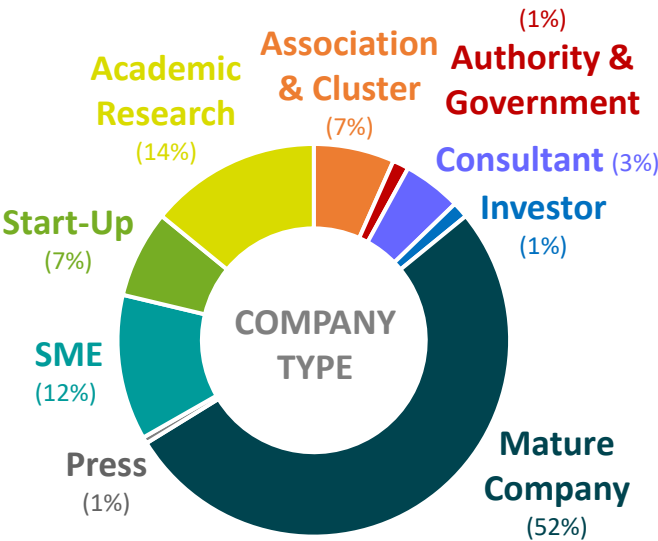
70+ Speakers



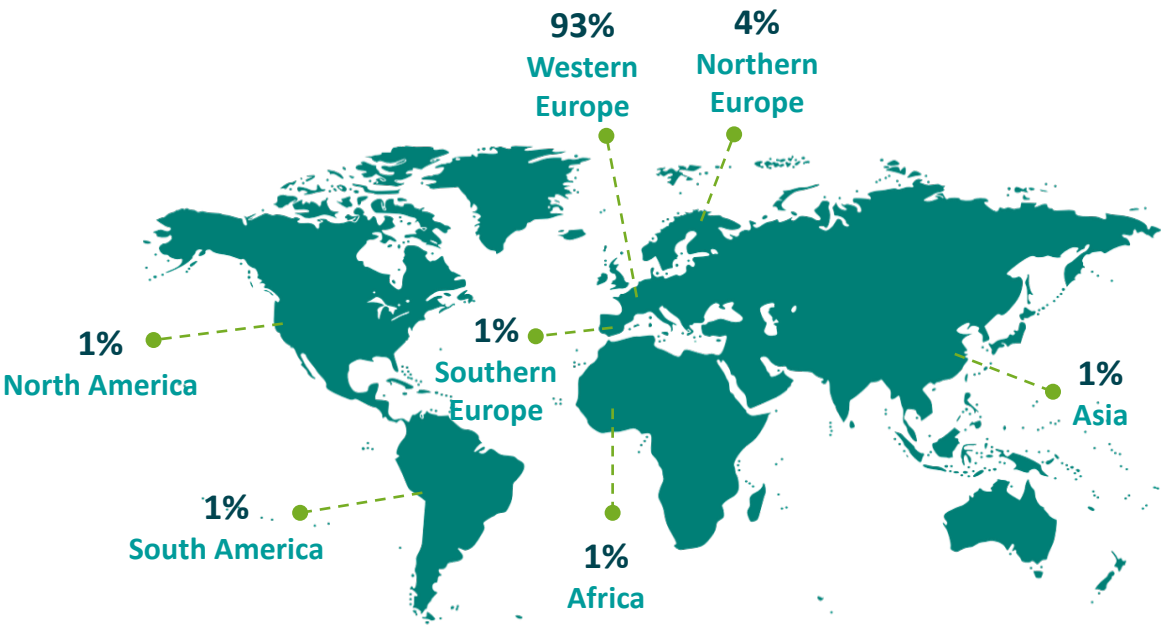
200+ Different Organizations



30 Posters



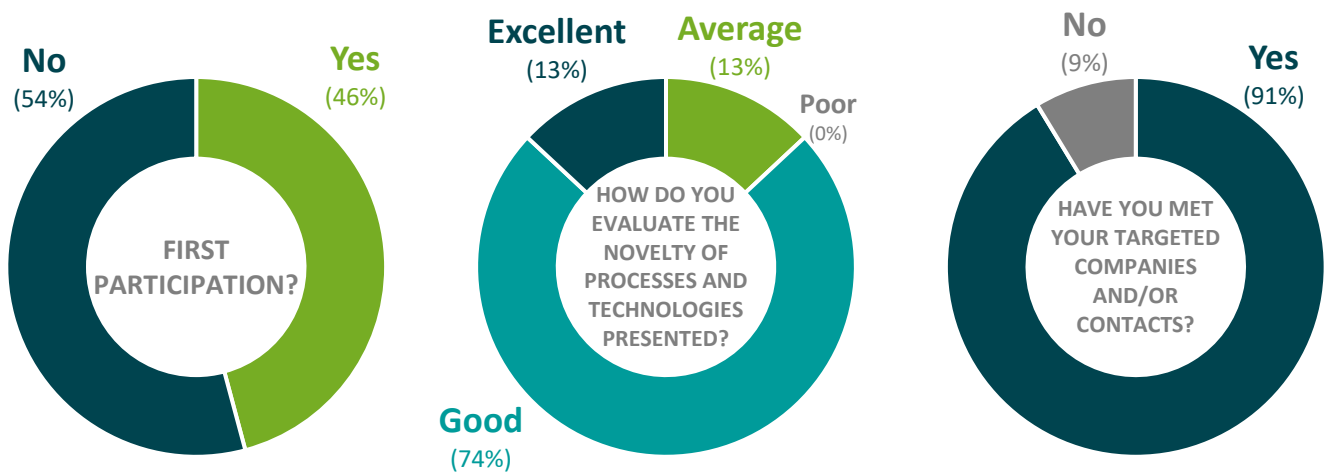
WHERE FROM?



FEEDBACK FROM SPONSORS & EXHIBITORS



FEEDBACK FROM DELEGATES



WHAT IS SAID ABOUT BIOPC

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 congress is a great opportunity to meet lots of scientists that work in applications we are involved in and partners we can collaborate with to build our future solutions.

Michael Sachpekidis
Optimal Industrial Technologies, UK

2024 SPONSORS & EXHIBITORS

















INSTITUTIONAL PARTNERS









MEDIA PARTNERS



2024 SCIENTIFIC ADVISORY BOARD



Alain Beck
Senior Director, Biologics CMC & developability
Institut de Recherche Pierre Fabre



Roland Beliard
ex-Business Development Director
ex-LFB Biomanufacturing



Nicola Beltraminelli
Chief Development Officer
Innate Pharma



Hervé Broly
ex-VP Biotech Process Development
ex-Merck Serono



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



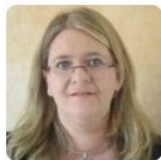
Olivier Cochet
Head of Biotech Development and Supply
Debiopharm



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



Michaël Lanero Fidalgo
Chief Operating Officer
TreeFrog Therapeutics



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



Nathalie Heuzé-Vourc'h
Research Professor Inserm, Deputy director "Health Technologies" Institute
INSERM



Miliza Diab
Upstream lab lead - MSAT
Novartis



John Churchwell
Associate Lead Scientist
Catapult



Guillaume Rousseau
MSAT Site lead
Sanofi Vitry



DAY 1 Wednesday, 25 September 2024	
09h00	Welcome coffee and registration
09h50	Welcome address
10h00	Opening Keynote Lecture - Descartes Auditorium Mastering Complexity: Advancing Biotherapeutic Developability in a Standardized Manufacturing Landscape <div><div></div><div> Head of MSAT Global Vaccine Sanofi, France</div></div>
10h30	Breakthrough Innovations in Bioproduction - Session I - Descartes Auditorium 10h30 • Exploring Bioproduction : Market Dynamics and Innovations <div><div></div><div> Market Research Manager MabDesign, France</div></div> 10h40 • Artificial Intelligence for operational excellence with ROMBIO <div><div></div><div> Business Developer Rombio, Belgium</div></div> 10h50 • Process Control as a Pillar for IMPD Approval <div><div></div><div> CCO Cell-Easy, France</div></div> 11h00 • CellSecret•Service Platform Transforms Secretomes from Resolution-Associated Macrophages into Biological Drugs <div><div></div><div> CEO MED'INN'Pharma, France</div></div>
11h15	Round Table I - Due Diligence in Bioproduction: Legal and Financial Perspectives for Successful Transactions - Descartes Auditorium <div><div></div><div> Director Archimed, France</div></div> <div><div></div><div> Principal Lauxera Capital Partners, France</div></div> <div><div></div><div> Investment Director GoCapital, France</div></div> <div><div></div><div> Partner Dentons, France</div></div>
12h00	Lunch at the Exhibition Hall
14h00	Parallel Workshops Accelerate biotech process development <div><div></div><div></div><div></div></div> Business continuity plan : Don't forget to secure the storage of your biological resources! <div><div></div></div> Point-of-need analytics and process analytical technologies: 4 case studies <div><div></div></div> Journey to Immerscio.bio new trainings through Virtual Reality, Serious Game and Video Workshops <div><div></div></div>
15h30	Break
15h40	Biologics Developability - Session I - Descartes Auditorium 15h40 • Antibodies and ADCs: Developability Risks Mitigation <div><div></div><div> Senior Director, Biologics CMC and Developability Laboratoires Pierre Fabre, France</div></div> 16h00 • Developability assessment of next generation Biotherapeutics <div><div></div><div> Senior Principal Scientist Novartis, Switzerland</div></div> 16h20 • A library approach for the de novo high-throughput isolation of humanized VH domains with favorable developability properties following camelid immunization <div><div></div><div> Global Head of Antibody Discovery & Protein Engineering Merck Healthcare KGaA, Germany</div></div> 16h40 • VMF: Disruptive & sustainable Vibrio® technology for improving bioprocesses yield and environmental footprint <div><div></div><div> Pharma Business Development Director SANI Membranes, Denmark</div></div> 16h50 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 17h00 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 17h10 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 17h20 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 17h30 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 17h40 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 17h50 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 18h00 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 18h10 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 18h20 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 18h30 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 18h40 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 18h50 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 19h00 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div> 20h30 • Cell sampling ? A critical step to master your upstream bioprocess (USP) monitoring <div><div></div><div> Field Application Scientist GenSensor, France</div></div>
15h40	Analytical Methods - Pasteur Auditorium 15h40 • How to accelerate vaccine process development by digitalization and automation: definition of an optimized Workflow for Bioprocess and Analytic laboratories <div><div></div><div> Analytical Immunology Process Support Unit Manager Sanofi, France</div></div> <div><div></div><div> Senior Scientist Drug Substance Development Sanofi, France</div></div> 16h05 • Leveraging single-cell transcriptomics to tailor insect cells for production of rAAV and Influenza HA-VLPs <div><div></div><div> Head of Vaccines Development Lab IBET, Portugal</div></div> 16h25 • NGS based testing in biosafety: the EFS experience <div><div></div><div> Marketing Director PathoQuest, France</div></div> <div><div></div><div> Quality Control Manager Etablissement Français du Sang (EFS), France</div></div> 16h40 • Multi-Attribute Analysis of mRNA by LC/MS <div><div></div><div> R&D and Innovation Director Quality Assistance, Belgium</div></div> 16h50 • Application of the Ctech FlowVPX online PAT system for real-time monitoring of protein concentration and control of a TFF step <div><div></div><div> EU Bioanalytics Team Lead Repligen, Europe</div></div> <div><div></div><div> DSP Scientist Drug Substance Development Sanofi, France</div></div>
17h00	Coffee Break at the Exhibition Hall
17h40	Biologics Developability - Session II - Descartes Auditorium 17h40 • Antibody and Antibody Drug Conjugates Developability <div><div></div><div> Head of Monoclonal antibodies industrial process development GTP Bioways, France</div></div> 18h00 • Why early mAb Sequence Optimization can Improve Developability and Reduce Costs <div><div></div><div> Scientific Director, Head of Cell Line Development, Process & Product Design Just Evotec Biologics, France</div></div> 18h10 • Why early mAb Sequence Optimization can Improve Developability and Reduce Costs <div><div></div><div> Scientific Director, Head of Cell Line Development, Process & Product Design Just Evotec Biologics, France</div></div> 18h20 • Optimized Detergents for Upstream to Downstream to Final Fill Finish <div><div></div><div> Research & Technology Specialist Croda, UK</div></div> 18h30 • In-line Cell Density Monitoring in Production – Principles and state-of-the-art Sensors <div><div></div><div> Application Specialist Cell Density Hamilton Bonaduz AG, Switzerland</div></div> 18h40 • Innovative tools to monitor biological variability of bioprocesses <div><div></div><div> Head of Process Development group Naobios, France</div></div> 18h50 • Measure, Understand, Control, Improve... With Process Analytical Technology (PAT) <div><div></div><div> Senior Strategic Account Manager Optimal Industrial Technologies, UK</div></div>
19h00	Poster Session at the Exhibition Hall, Wine & Cheese
20h30	End of DAY 1

DAY 2 Thursday, 26 September 2024	
08h00	Welcome Coffee
08h30	Sustainable Manufacturing - Descartes Auditorium 08h30 • Leveraging data to foster value chain collaboration and enable the Industrial Sustainability development. <div><div></div><div> Global Sustainability Supply Chain Leader Cytiva, France</div></div> 08h50 • Innovating Sustainability: How Saint-Gobain Bioprocess Solutions, a single-use supplier, is creating more sustainable manufacturing <div><div></div><div> Sustainability Market Manager Saint-Gobain Life Science, France</div></div> 09h10 • How to reach Sustainable Biomufacturing using Virtual Twins powered by real-world data <div><div></div><div> Life Sciences Manufacturing Solution Leader Dassault Systèmes, France</div></div> 09h30 • Constellab™ - Unleashing full data potential and next-gen digital twins for more sustainable R&D and manufacturing <div><div></div><div> CEO and co-founder Gencovey, France</div></div>
09h40	Round Table II - Empowering Industrial Sustainable Transformation through Collaborative & Digital Solutions - Descartes Auditorium <div><div></div><div></div><div></div><div></div></div>
10h10	Coffee Break at the Exhibition Hall
11h00	Round Table IV - Training 4.0: Impact of e-Learning and Artificial Intelligence - Pasteur Auditorium <div><div></div><div></div><div></div><div></div><div></div></div>
12h20	Lunch at the Exhibition Hall
14h00	Breakthrough Innovations in Bioproduction - Session II - Descartes Auditorium 14h00 • Molecular optical spectroscopy as a PAT tool in USP bioprocessing <div><div></div><div> Deputy director of CNRS UPR 4301 CBM - Centre de Biophysique Moléculaire CNRS & University of Tours</div></div> 14h10 • Design and development of chemically defined media supplemented with vegetable protein hydrolysates to enhance CHO cell growth and monoclonal antibody production <div><div></div><div> Doctoral Researcher Université Sorbonne Paris Nord, France</div></div> 14h20 • The Solution Molecular Microscope gives you more thoughts about biopharmaceuticals <div><div></div><div> Global Product Leader Rigaku Corporation, Japan</div></div> 14h30 • iGEM: Sparking Innovation Pipeline from Training to Startup <div><div></div><div> Vice President of Global Development iGEM, France</div></div>
14h50	Advancements and Perspectives in Bioproduction: Insights from Leading Experts of the Field - Descartes Auditorium 14h50 • The Biotherapies and Bioproduction of Innovative Therapies Research Program (PEPR): How can we support the academic community? <div><div></div><div> Comité de pilotage du PEPR BioThérapies CEA Paris-Saclay, France</div></div> 15h00 • CIG A3P Biotherapy Processes - Update on Technical Guide: How to optimize the development and industrialization of your Biotherapy Product <div><div></div><div> Head of CMC Leaders Merck Life Science, France</div></div> 15h10 • How to select your CDMO? Insights from France Biotech's biomanufacturing committee <div><div></div><div> Founder & CEO BioMaje, France</div></div> 15h20 • How to select your CDMO? Insights from France Biotech's biomanufacturing committee <div><div></div><div> CEO TreeFrog Therapeutics, France</div></div> 15h30 • How to select your CDMO? Insights from France Biotech's biomanufacturing committee <div><div></div><div> Chief Commercial Officer CELLforCURE by Seqens, France</div></div> 15h40 • How to select your CDMO? Insights from France Biotech's biomanufacturing committee <div><div></div><div> CEO GTP Bioways, France</div></div>
16h10	Closing Keynote Lecture - Descartes Auditorium 16h10 • The Drug Cell - Projet Important d'Intérêt Européen Commun (PIIEC), Med4Cure <div><div></div><div> National Director of Biology, Therapeutics and Diagnostics Etablissement Français du Sang (EFS), France</div></div> <div><div></div><div> Chairman MGA Technologies, France</div></div>
16h40	Closing remarks
17h00	End of the BIOPC2024 Congress

Join us in 2025



2nd Innovations for Cell and Gene Therapies Congress (ICGT2025)

22-23 May 2025 in SANOFI Campus Gentilly, France

Laure Delhon

+33 (0)7 69 85 65 56

laure.delhon@mabdesign.fr



13th Antibody Industrial Symposium (AIS2025)

25-26 June 2025 in Tours, France

Ana Antunes

+33 (0)7 59 56 52 76

ana-sofia.antunes@mabdesign.fr



10th Bioproduction Congress (BIOPC2025)

22-23 September 2025 in Lyon, France

Pierre-Mehdi Hammoudi

+33 (0)4 78 02 39 89

pierre-mehdi.hammoudi@mabdesign.fr



9th Immunotherapies & Innovations for Infectious Diseases Congress (I4ID2025)

November 2025 in Lyon, France

Laure Delhon

+33 (0)7 69 85 65 56

laure.delhon@mabdesign.fr