



**2 - 6 OCTOBER 2017**  
GRAN VIA VENUE

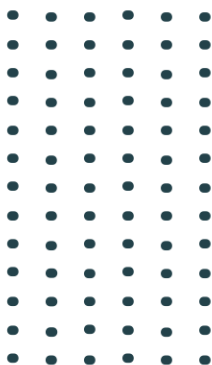
**Industrial Biotechnology  
is reshaping the future**



2-6 October 2017  
Gran Via Venue



## PROGRAM



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## WHAT IS INDUSTRIAL BIOTECH?

### WHAT IS IT

Industrial Biotechnology is transforming traditional manufacturing by using live organisms such as microbes or enzymes to produce cleaner, safer and more sustainable biobased products and materials.

The world is taking advantage of Industrial Biotechnology to confront big challenges like climate change, sustainable production of raw materials, clean energy or available health services for a growing and ageing population.

Industrial Biotechnology is reshaping the future by creating new innovative products and providing more efficient and sustainable processes for the food, chemical, cosmetics, pharma, plastics and energy industries, as well as offering novel solutions for waste management and pollution reduction.

### WHAT MAKES US DIFFERENT

With an annual growth of 20% Industrial Biotechnology is set to become a mainstream technology in the chemical sector.

Industrial Biotech at Expoquimia is a partnering event that offers a unique place for biotech companies, chemical industry and related sectors to meet each other and build business opportunities.

Directly from industrial biotech firms and R&D institutions, discover the latest developments in:

Biomaterials  
Industrial enzymes  
Food ingredients  
Specialty chemicals

Cosmetics  
Biofuels  
Biomass process  
Synthetic biology

Bioprocesses and biocatalysis  
Bioremediation  
Waste management

Take part in the Industrial Biotech Seminar and meet renowned international and national experts who will present the state-of-the-art technologies in this area.

## WHAT IS INDUSTRIAL BIOTECH?

### **Trade show area**

**An exhibition area for biotechnology companies and research entities.**

**Any type of accreditation will allow you to access the exhibition area of Industrial Biotech.**

### **Partnering system**

**A partnering system to connect participants at Industrial Biotech with Expoquimia exhibitors and organize one-to-one meetings.**

**For more information: [www.expoquimia.com/industrialbiotech](http://www.expoquimia.com/industrialbiotech)**

### **Two days seminar**

**To meet and discuss with international experts the latest developments in the sector.**

## PROGRAM

### SEMINAR PROGRAM

4 October	
10:00 – 10:15	Opening <b>Antón Valero</b> , president of EXPOQUIMIA <b>Pilar Navarro</b> , director of EXPOQUIMIA
10:15 – 10:30	Seminar introduction <b>Prof Francesc Gòdia</b> , Universitat Autònoma de Barcelona and member of Industrial Biotech Advisory Board
10:30 – 12:00	Session 1 – <i>Fostering the use of bioprocesses and biocatalysis in traditional industries: lights and shadows</i>  Chair: <b>Daniel Ramon</b> , CEO, Biopolis Speakers: <b>François Monnet</b> , Advanced Technologies Director, Solvay <b>Albert Jané</b> , CEO, Vytrus Biotech ▷ <i>Present and future of plant stem cells cultures</i> <b>Dirk Weuster-Botz</b> , TU Munich ▷ <i>Syngas fermentation with acetogenic bacteria</i>
12:00 – 12:30	Coffee break – networking time
12:30 – 14:00	Session 2 – <i>Sustainability, new life for industrial and organic waste and circular economy</i>  Chair: <b>José Luis Garcia</b> , CIB-CSIC Speakers: <b>Sean Simpson</b> , CSO, LanzaTech ▷ <i>Gas fermentation: A vital bridge in achieving a circular economy</i> <b>Marisé Borja</b> , CTO, Plant Response Biotech ▷ <i>Biotechnology applied to the development of novel sustainable agrobiological products</i> <b>Pablo Vidarte</b> , CEO, BIOO ▷ <i>Energy models and how to start from scratch a self-sufficient R+D company</i>

## PROGRAM

<b>5 October</b>	
<b>10:00 – 11:15</b>	<p>Session 3 – <b>Health and Industrial Biotechnology</b></p> <p>Chair: <b>Teresa Pellicer</b>, Head of Blotechnology Projects, Interquim</p> <p>Speakers: <b>Marta Pascual</b>, Scientific Director, Plasmia Biotech            ▷ <i>Biocatalysis in Health and Industrial Biotech. Biocatalytic production of nucleoside analogues</i>  <b>Dámaso Molero</b>, CEO, 3p Biopharmaceuticals            ▷ <i>Industrial Biotechnology: towards flexible and highly efficient models</i>  <b>Luis Gosalbez</b>, Business Development Director, Optibiotix            ▷ <i>New approaches: microbiome modulation as therapeutic intervention</i></p>
<b>11:15 – 11:45</b>	Coffee break – networking time
<b>11:45 – 13:00</b>	<p>Session 4 – <b>Biofuels and biochemicals</b></p> <p>Chair: <b>Javier Velasco</b>, chair of Industrial Biotech Commission, Asebio</p> <p>Speakers: <b>Carlos Estévez</b>, CSO, Inkemia Green Chemicals            ▷ <i>New biofuels for clean air and global warming abatement</i>  <b>Juan-Miguel Puertas</b>, Industrial Fermentation Manager at the Biofuels Division of Total            ▷ <i>Multi-faceted approach to producing bio-based commodities</i>  <b>Javier Gil Barno</b>, director of the Biomass Energy Department, CENER            ▷ <i>CENER's Semi-industrial research infrastructure for developing, validation and up-scaling bioprocesses</i></p>
<b>13:00 – 14:15</b>	<p>Session 5 – <b>The role of politics: fostering Bioeconomy in Spain and Europe</b></p> <p>Chair: <b>Maria Dolors Núñez</b>, coordinator of Chemical, Energy and Resources Industries, ACCIÓ</p> <p>Speakers: <b>Manuel Laínez</b>, director, INIA, and coordinator of Spanish Strategy for Bioeconomy            ▷ <i>Spanish bioeconomy strategy</i>  <b>Joanna Dupont-Inglis</b>, director of Industrial Biotech, EuropaBio            ▷ <i>Opportunities and challenges for the greater deployment of industrial biotech in the EU</i>  <b>Ion Arocena</b>, director general of Asebio</p>
<b>14:15 – 14:30</b>	<p>Closing remarks</p> <p><b>Jordi Martí</b>, president of Asebio</p>

## SPEAKERS INDUSTRIAL BIOTECH

**Ion Arocena**  
Director General, Asebio

**Marisé Borja**  
CTO, Plant Response Biotech

**Joanna Dupont-Inglis**  
Director of Industrial Biotech,  
EuropaBio

**Carlos Estévez**  
CSO, Inkemia Green Chemicals

**Javier Gil Barno**  
Director of the Biomass Energy Department, CENER

**José Luis Garcia**  
CIB-CSIC

**Luis Gosalbez**  
Business Development Director, Optibiotix

**Albert Jané**  
CEO, Vytrus Biotech

**Manuel Laínez**  
Director, INIA,  
and coordinator of Spanish Strategy for Bioeconomy

**Dámaso Molero**  
CEO, 3p Biopharmaceuticals

**François Monnet**  
Advanced Technologies Director, Solvay

**Maria Dolors Núñez**  
Coordinator of Chemical,  
Energy and Resources Industries, ACCIÓ

**Marta Pascual**  
Scientific Director, Plasmia Biotech

**Teresa Pellicer**  
Head of Biotechnology Projects, Interquim

**Daniel Ramon**  
CEO, Biopolis

**Sean Simpson**  
CSO, LanzaTech

**Javier Velasco**  
Chair of Industrial Biotech Commission, Asebio

**Pablo Vidarte**  
CEO, BIOO

**Dirk Weuster-Botz**  
TU Munich

## ADVISORY COMMITTEE - INDUSTRIAL BIOTECH



**Pau Ferrer Alegre**  
Associate Professor,  
Laboratory of Metabolic Engineering  
and Applied Systems Biology,  
Universitat Autònoma de Barcelona.



**Pierre Monsan**  
Professor emeritus at INSA  
(Institut Nationale des Sciences Appliquées)  
and director of Toulouse White Biotec



**Jordi Fàbrega**  
Business Development Director, Biocat



**Diethard Mattanovich**  
Research coordinator at ACIB  
(Austrian Centre of Industrial Biotech)



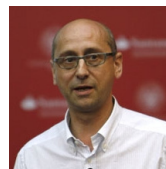
**Gemma Hernández**  
Xarxa de Referència  
de Biotecnologia,  
Fundació Bosch I Gimpera (Universitat de Barcelona)



**María Jesús Martínez**  
Director, Centro de Investigaciones Biológicas  
(CIB-CSIC)



**Francesc Gòdia**  
Professor of Chemical Engineering,  
Universitat Autònoma de Barcelona



**Daniel Ramon Vidal**  
Secretario, SEBiot CEO de Biopolis, SL



**Josep Castells**  
InKemia - IUCT



**Blanca Suárez**  
Directora del Área de Biotecnología,  
GAIKER Centro Tecnológico



## SPONSORS



## COLLABORATORS



