



Italian Forum on Industrial
Biotechnology and Bioeconomy

THURSDAY 22 SEPTEMBER

- h 08.30 **Registration**
- h 09.10 **Introduction to the Event** M. Bonaccorso (Assobiotec)
- h 09.20 **Welcome Message** G. Caldiera (CUOA Business School)
- h 09.30 **KEY NOTES SESSION** (Chairman: Fabio Fava, University of Bologna)
- h 09.30 *From Berlin to Vicenza: building the world bioeconomy, C. Paternmann (Former EU Commission)*
- h 09.50 *OECD's analysis on Bioeconomy, J. Philp (OECD)*
- h 10.10 *The European Investment Bank and the Bioeconomy, F. Ortega Schlingmann (EIB)*
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- h 10.30 **Session – POLICIES ON INDUSTRIAL BIOTECH AND BIOECONOMY** (Chairman: C. Paternmann)
- h 10.30 *The German Strategy (C. Lang, German Bioeconomy Council)*
- h 10.45 *The Dutch Strategy (W. Sederel, Biobased Delta, The Netherlands)*
- h 11.00 *The Canadian experience in the bioeconomy (J. Passmore, Passmore Group, Canada)*
- h 11.15 *Industrial biotechnology and bioeconomy in Brazil (B. Silva, ABBI)*
- h 11.30 *Building the Italian bioeconomy strategy (S. Firpo, Italian Ministry of Economic Development) tbc*
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- h 11.45 **Coffee Break – Poster Session**
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- h 12.15 **Session – ENERGY AND BIOREFINERIES** (Chairman: G. Sannia, University of Naples Federico II) (*each presentation is scheduled to last 10 minutes*)
- The KaiCell BioFuture - A novel Bio-Ecosystem evolving, J. Kantola (KaiCell Fibers, Finland)*
- IAR - A regional cluster to support the development of a global bioeconomy, C. Luguel (IAR Pole, France)*
- Sugar BEET biorefinery for the inTEgrated prOduction of biofUel and polyesTers – BEETOUT, D. Porro (University of Milano Bicocca, Italy)*
- Circular economy and third generation biorefineries, G. Gregori (Novamont, Italy)*
- Sustainability and innovation as strategic pillars of the business strategy of Clariant, F. Grati (Clariant Industrial Biotechnology Group, Germany)*
- Thermochemical conversion of biomass for bioenergy and bioproducts, D. Chiaramonti (Re-cord, Italy)*
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- h 13.30 **Networking Lunch – Poster Session**
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- h 14.30 **Session - BIO-BASED INDUSTRIES** (Chairwoman: L. Gardossi, University of Trieste) (*each presentation is scheduled to last 10 minutes*)
- The BIG-C Initiative, T. Schwabe (CLIB2021, Germany)*
- The "Bioeconomy Education" Initiative, G. Sakellaris (Academy of Science of the Czech Republic)*
- Towards the bio-based chemistry, R. Cayuela (Dow, Switzerland)*
- Biobased chemicals and products within the circular economy, H. Colens (Braskem Europe, Belgium)*
- New to the world plastics; a view from frontline, MG Vetere, (Natureworks, USA)*
- Levulinic acid as an incredibly versatile building block for chemicals and materials, D. Ribezzo (GFBiochemicals, Italy)*
- Eat syntethic or syntethic dressing, F. Servalli (Radici Group, Italy)*
- Developing cost effective and commercially viable product and technology from biomass and other renewable raw materials, Mohini M. Sain (University of Toronto, Canada)*
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- h 16.30 **Coffee Break – Poster Session**
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- h 17.00 **Fourth Session – AGRO-FOOD** (Chairwoman: G. Speranza, University of Milan) (*each presentation is scheduled to last 10 minutes*)
- Biotech innovation in the agro-food sector, E. Sgaravatti (Italian start-up, Italy)*
- Sustainable biobased solutions for the beverage industry, A. Reggiori (Carlsberg Italy, Italy)*
- Bioplastics for new sustainable packaging, A. Vittadello (Mérieux NutriSciences, Italy)*
- Sustainable biobased solutions for Plant care, L. Montecchio (DRP spinoff, University of Padova, Italy)*
- The Agriforvalor project, H. Welck (Steinbeis Europa Zentrum, Germany)*
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- h 18.00 **Conclusion**

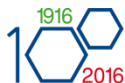
FRIDAY 23 SEPTEMBER

- h 08.30 **Registration**
- h 09.00 **Bioeconomy and Biotech topics in H2020 SME Instrument: new frontiers and opportunities.**
Success projects elevator pitch (Chairman: A. Di Minin, Scuola Superiore Sant'Anna of Pisa)
Success project 1: "Plant-made GREEN Kit" Linda Avesani, Officina Biotecnologica
Success project 2: "Automotive Residue Valorization" Michele Gussano, IRLE
Success project 3: "CORNposite" – Andrea Pelladoni, Corn Valley
Success project 4: "QUALIGRAIN" – Andrea Pelladoni, La Sanfermese
- h 10.30 *The BBI as an instrument to support industrial research and innovation*, P. Mengal (BBI, Belgium)
- h 10.45 *Finance for the Bio-Circular economy: barriers and opportunities*, R. Recchioni (Intesa Sanpaolo, Italy)
- h 11.00 **Coffee Break – Poster Session**
- h. 11.30 **Session – LIFE SCIENCES** (Chairpersons: D. Ubiali, University of Pavia, S. Riva, CNR) (each presentation is scheduled to last 10 minutes)
Silk-based advanced tissue engineering, A. Alessandrino (Silk Biomaterials, Italy)
Pharmaceutical Industry Trends, (C. Gnocchi, Novartis Oncology, Switzerland)
MolMed case history: RVV and LVV production in iCellis nano, M. Brunati (MolMed, Italy)
Process Intensification: scale down procedures able to develop industrial bioprocesses, S. Rapacioli (Bict, Italy)
Marine biotech for biomedical applications, I. Nardello (EMBRC, France)
Stazione Zoologica Anton Dohrn: Marine Biotech research platforms, services and possible products in Naples, F. Vecchi (Stazione Zoologica Anton Dohrn, Italy)
The Protein Factory: novel enzymes for lignin valorization, L. Pollegioni (University of Insubria, Italy)
The Padova University Tech Transfer activities in the life sciences: current strategies and expectations, M. Morpurgo (University of Padova, Italy)
- h 13.15 **Final remarks**
- h 13.30 **Networking Lunch**



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**THURSDAY 22 SEPTEMBER
BIOLINX WORKSHOP
(AULA FORMENTON)**

h 11.45 **Coffee Break – Poster Session**

h 12.15 **Session – Regional development of the EU Biobased Industry** (Chairman: G. Fontana, Italian Cluster of Green Chemistry) (each presentation is scheduled to last 15 minutes, plus 5 minutes for Q&A)

BioLinX: connecting biobased initiatives in Europe, D. Van der Pas (REWIND, The Netherlands)

Advanced biorefineries deployment in Italy, S. Cobror (Advisory Board member of BioLinX, MG Group, Italy)

Supporting open innovation within the biobased economy through collaboration: the Enterprise European Network, M. Gorini (Veneto Innovazione, Italy)

The Lucanian Cluster on Bioeconomy within the context of the Smart Specialization Strategy of Basilicata Region, F. Cellini (Agrobios, Italy)

h 13.30 **Networking Lunch – Poster Session**

h 14.30 **Session - Market opportunities for large-volume biochemicals** (Chairman: P. Manes, SC Sviluppo chimica) (each presentation is scheduled to last 15 minutes, plus 5 minutes for Q&A)

Biobased Delta & Sugar Delta, W. Sederel (Biobased Delta, The Netherlands)

The Lignin Platform: chemicals from lignocellulosic biomass, A. Bogliano (MG Group, Italy)

Bioplastic from food industry wastewater, D. Centrone (EggPlant S.r.l., Italy)

Public funding at disposal for a bio-based initiative, DG GROW Project and BioEconomy Region Investment Readiness, F. Martinelli (PNO, Belgium)

h 16.30 **Coffee Break – Poster Session**

h 17.00 **Session – BioBased niche market applications for high-value biobased materials** (Chairman: F. Martinelli, PNO) (each presentation is scheduled to last 15 minute, plus 5 minutes for Q&A)

Incorporating bio-based products and processes within traditional chemical districts, T. Schwabe (CLIB2021, Germany)

Environment Park: green chemistry and biobased processes for technology transfer to industries, B. La Licata (Envipark, Italy)

Closing loop within italian tanneries, F. Cavazza (ILSA S.p.A., Italy)

h 18.00 **Conclusion**