



Italian Forum on Industrial
Biotechnology and Bioeconomy

LODI, 24-25 SEPTEMBER 2015

Auditorium Banca Popolare di Lodi

Via Polenghi Lombardo 13

Organisers:



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INTERNATIONAL MAGAZINE ON THE BIOECONOMY AND THE CIRCULAR ECONOMY





24-25 September 2015, Lodi (Italy),
Auditorium Banca Popolare di Lodi, via Polenghi Lombardo, 13

PROGRAMME

THURSDAY 24 SEPTEMBER

- h 08.30 **Registration**
h 09.00 **Introduction to the event** M. Bonaccorso (Assobiotec)
- Keynote Session** – Chairs: R. Motterle and L. Gardossi
h 09.20 *Present and future of the bioeconomy in the European Union*, E. Balzi (DG Research and Innovation, EU Commission)
h 09.40 *Boosting the industrial biotechnology to boost the European bioeconomy*, C. Patermann (German Bioeconomy Council)
h 10.00 *Recent successes of and obstacles to enzyme processes on industrial scale*, A. Bommarius (Georgia Institute of Technology, Atlanta, USA)
- Session – AGROFOOD** – Chairs: R. Motterle and L. Gardossi
h 10.20 *The role of biotech in supporting and innovating the Italian agro-food value chain*, G. Careno (PTP Lodi, Italy)
h 10.35 *Industrial sugar and the development of biorefineries*, V. Vallini (Eridania Sadam, Italy)
h 10.50 *New European agri-hub for technological transfer: on the way for sustainability and competitiveness*, C. Gianinazzi (IpadLab, Italy)
h 11.05 *Integrated management system as a competitive solution for the rice industry*, P. Abbruscato (PTP Lodi, Italy)
- h 11.20 **Coffee Break – Poster Session**
- Session – ENERGY AND BIOREFINERIES** – Chairs: S. Riva and D. Ubiali
h 12.00 *HTL and pyrolysis for biocrude oil production from lignocellulosic biomass for biofuel applications or as chemical intermediates*, P. Taddei (Spike Renewables, Italy)
h 12.15 *The Bazancourt-Pomacle biorefinery: the potential of the industrial bioeconomy to replace fossil fuels*, P-A. Schieb (NEOMA Business School, Campus de Reims, France)
h 12.30 *Biogasdoneright: a cold planet with full plates, a sustainable, low cost, reliable and win BECCS solution*, F. Sibilla (CIB, Italy)
h 12.45 *Enhancing biogas production from wheat straw through lignolytic fungi pretreatments and co-digestion with pig slurry*, C. Vasmara (CRA, Italy)
- h 13.00 **Networking Lunch – Poster Session**
- Session - POLICIES ON INDUSTRIAL BIOTECH & BIOECONOMY** – Chairs: C. Patermann and M. Bonaccorso
h 14.00 *The importance of partnerships in the world bioeconomy*, M. Kircher (CLIB2021, Germany)
h 14.15 *Malaysia's strategy on bioeconomy*, Z. Azmal (Malaysian Biotech Corp, Malaysia)
h 14.30 *Industrial biotechnology and bioeconomy in Austria*, B. Nidetzky (ACIB GmbH, Austria)
h 14.45 *A bioeconomy initiative in Czech Republic*, E. Cudlinova (University of South Bohemia, Czech Republic) G. Sakellaris (IEM, Academy of Sciences, Czech Republic)
h 15.00 *Basilicata's strategy on bioeconomy*, R. Liberali (Basilicata Region, Italy)
h 15.15 *Status of bioeconomy in Hungary and insight into Climate-KIC projects*, M. Gyalai - Korpos (Pannon Pro Innovation Services Ltd, Hungary)
- Session – ENVIRONMENT** – Chairs: G. Speranza and A. Tagliani
h 15.30 *Building with natural materials, is a confirmed revolution that will contribute to improving the environment and the health of people*, J. Hempel (Hemp Eco Systems SA, Switzerland)
h 15.45 *Biomaterials from fungi*, F. Grati (Mycoplast, Italy)
h 16.00 *Selection of autochthonous and allochthonous fungal strains for the treatment of recalcitrant wastewaters*, V. Tighi (University of Turin, Italy)
h 16.15 *Enzyme discovery in the Sphagnum moss microbiome*, C. A. Müller (Graz University of Technology, Austria)
- h 16.30 **Coffee Break – Poster Session**
- Session – BIOBASED-CHEMISTRY** – Chairs: G. Sannia and F. Fava
h 17.00 *Bioplastics from agricultural wastes*, M. Astorri (Bio-On, Italy)
h 17.15 *Novamont's biorefinery as a model of circular economy*, G. Gregori (Novamont, Italy)
h 17.30 *Wood-based biorefinery concepts: opportunities and challenges*, C. Huebsch (UPM Biochemicals, Finland)
h 17.45 *The role of wood in the Finnish bioeconomy*, J. Kantola (NISCluster, Finland)
h 18.00 *Wastewater as raw material to manufacture high-performance PHA*, D. Centrone (Eggplant, Italy)



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FRIDAY 25 SEPTEMBER

h 08.30

Registration

Session – LIFE SCIENCES – Chairs: G. Speranza and G. Carenzo

h 09.15

Immobilization of lipases with optimal performances for the application in industry, A. Basso (Puro-lite, UK)

h 09.30

The Xpansion® Multiplate Bioreactor: a cost effective tool for scaling-up stem cell manufacturing, M. Sanvito (Pall Life Sciences, Italy)

h 09.45

Bioeconomy in the industry of medicinal plant derivatives, G. Fontana (Indena, Italy)

h 10.00

Probiotics R&D: from genome sequences to regulatory issues, A. Del Casale (Microbion, Italy)

h 10.10

New sustainable tools for organic chemistry applications: exploring fungal ene-reductase expression profile, A. Romagnolo (University of Turin, Italy)

h 10.20

BioSEArch newco, the first Italian biotech in search for innovative molecules from marine organisms, T. Croci (Consorzio Italbiotec, Italy)

h 10.30

iSweetech, a new generation of sweeteners, S. Leone (iSweetech, Italy)

h 10.40

Lombardy: one of the Four Motors for Europe, S. Nigro (Invest in Lombardy Promos, Italy)

h 10.50

Coffee Break – Poster Session

h 11.10

Round Table on “Financing The Bioeconomy”

Panelists: R. Weerdmeester (PNO, Belgium), F. Ortega Schlingmann (European Investment Bank, Luxembourg), M. Tellini (Intesa Sanpaolo, Italy).

Moderator: J. Dupont-Inglis (EuropaBio, Belgium)

h 12.30

Concluding remarks and announcing IFIB 2016 – G. Speranza (IBC, Italy)

h 12.45

Networking Lunch

We are pleased to invite you to join us at the Italian Forum on Industrial Biotechnology and Bioeconomy scheduled on 24-25 September, 2015

VENUE

Auditorium Banca Popolare di Lodi, via Polenghi Lombardo 13 – Lodi

PARTICIPATION IS FREE OF CHARGE

LANGUAGE: ENGLISH



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