



**BioEconomy:**

**biological sources for a sustainable world**



**Speakers**

Laura De Gara

Fabio Fava

Mauro Majone

G. Scarascia Mugnozza



Montelibretti  
Area della Ricerca  
di Roma 1

CNR - Area della Ricerca Roma 1  
Strada Provinciale 35d, 9, Montelibretti (RM)

**Sala Conferenze, 6 marzo 2019**



**Registration at:**

<https://eventmanager.mlib.cnr.it/event/41/registrations>

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# BioEconomy:

## biological sources for a sustainable world

### 9.30 Registration

### 10.00 – 10.20 Opening Ceremony

- **Michele Muccini.** President Area della Ricerca Roma 1, CNR
- **Francesco Loreto.** Director CNR-DiSBA
- **Massimo Inguscio.** President Consiglio Nazionale delle Ricerche
- **Massimiliano Smeriglio.** Vicepresident Regione Lazio

Chair: **Francesco Loreto**

**10.20 Laura De Gara.** Università Campus Bio-medico, Roma. *Bioeconomy - a challenge of knowledge integration*

**10.45 Fabio Fava.** Alma Mater Studiorum Università di Bologna. *Bioeconomy in Europe and in Italy: the Italian Bioeconomy strategy and the opportunities offered by the EU Commission for sustaining it*

**11.10 Francesco Cellini.** Cluster Lucano di Bioeconomia.

**Bioeconomy and the food system.** Chair: **Antonio Raschi**

**11.35 Francesco Gai.** CNR-ISPA. *The Circular Economy applied by insects: the Black Soldier Fly Experience*

**11.45 Antonello Franca.** CNR-ISPAAM. *The contribution of agro-silvopastoral systems for bioeconomy in Italy*

**11.55 Rosaria Ciriminna.** CNR-ISMN. *A circular economy approach to omega-3 extraction*

**12.05 Stefano Predieri.** CNR-IBIMET. *Edible jellyfish: introducing to a new sustainable food system*

**12.15 Francesco Meneguzzo.** CNR-IBIMET. *Controlled hydrodynamic cavitation as a tool to enhance the properties of biological sources*

**12.25 Discussion**

**12.45 Lunch**

Chair: **Mauro Centritto**

**14.00 Giuseppe Scarascia Mugnozza.** Università della Tuscia. *Forest and wood bioeconomy*

**14.25 Mauro Majone.** Sapienza Università di Roma. *An Urban Biorefinery to convert organic waste into bio-based plastics: the H2020 RES URBIS project*

**Bioeconomy and agriculture** Chair: **Luisa Mannina**

**14.50 Salvatore Antonino Raccuia.** CNR-ISAFOM. *Cultivation of Cardoon, biomass species for green chemistry, with a circular economy approach*

**15.00 Giuseppe Sorrentino.** CNR-ISAFOM. *The CNR and Hemp chain: a new opportunity for Agriculture in Southern Italy*

**15.10 Lorenzo Genesio.** CNR-IBIMET. *Multifunctional agriculture for bioeconomy: chlorophyll-deficient crops for climate change mitigation*

**15.20 Francesco Vaccari.** CNR-IBIMET. *Biochar for bioeconomy*

**15.30 Discussion**

**15.50 Coffee break**

**Bioeconomy and the microorganisms.** Chair: **Alberto Battistelli**

**16.00 Marina Tucci.** CNR-IBBR. *Lignocellulosic species for cultivation in degraded soils: sustainable biomass for biorefineries*

**16.10 Mauro di Fenza.** CNR-IBBR. *IBISBA 1.0: a Pan-European research infrastructure promoting Industrial Biotechnology as a mature manufacturing technology to support the growth of the circular bioeconomy*

**16.20 Eleftherios Touloupakis.** CNR-IRET. *Photosynthetic microorganisms as a source of biohydrogen and bioplastics*

**16.30 Camilla M. Braguglia.** CNR-IRSA. *Anaerobic digestion as attractive multistep biorefinery: research and application with your biowaste*

**16.40 Discussion**

**Bioeconomy and the environment** Chair: **Giorgio Matteucci**

**17.00 Pierpaolo Duce.** CNR-IBIMET. *Towards sustainable livestock systems: reducing GHG emissions and improving production efficiency*

**17.10 Paolo Menesatti.** CREA. *Biosystems engineering: energy efficiency and environmental sustainability in agriculture*

**17.20 Massimo Zacchini.** CNR-IRET. *Phytomanagement of contaminated agricultural areas: coupling the soil restoration to the recovery of exploitable resources*

**17.30 Discussion**

**17.50 Closing remarks**