



UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II



Dipartimento di Biologia

Dottorato in Biotecnologie

Coordinatore Prof. Marco Moracci

## PhD in Biotechnology – 33° cycle

### Esame finale, II Sessione - PhD thesis defence, Session 2

**September 15, 2021 - starting time 09.00**

The examinations will be carried out using the MS Teams app. Each candidate will have 20 min to present his/her work, then 10 min will be devoted to the discussion of the results.

- 09.15-09.45** **Abdalrazeq Manar** – Developing of bio-based materials and coatings from whey proteins.  
Supervisor: Raffaele Porta
- 09.45-10.15** **Barra Eleonora** – Use of RNAi to develop new biotechnologies for insect control.  
Supervisor: Francesco Pennacchio
- 10.15-10.45** **Corrado Iolanda** – Microbial polyhydroxyalkanoates: converting renewable resources into bioplastics.  
Supervisor: Giovanni Sannia
- 10.45-11.00** *break*
- 11.00-11.30** **Curci Nicola** – Enzyme discovery and characterization: microbial sustainable hydrolases for sustainable bioconversion and novel applications.  
Supervisor: Marco Moracci
- 11.30-12.00** **D'Elia Luigi** – Microalgal biorefinery for food application: process development for thermo-resistant antioxidants production.  
Supervisor: Daria Maria Monti
- 12.00-12.30** **Lauro Concetta** – *Pseudoalteromonas haloplanktis* TAC125 as a cell factory for the production of recombinant proteins: strain improvement and novel engineering technologies.  
Supervisor: Maria Luisa Tutino
- 12.30-14.00** *break*



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- 14.00-14.30 Mattosovich Rosanna** – Development of a new enzyme-based biosensor for detection of damaged DNA, by using the thermoSNAP-display technology.  
Supervisor: Marco Moracci
- 14.30-15.00 Natale Roberto** – Prosystemin: a hub of tomato plant defense responses.  
Supervisor: Rosa Rao
- 15.00-15.30 Puopolo Rosanna** – Biosensors and bioprocesses to address environmental pollution.  
Supervisor: Gabriella Fiorentino
- 15.30-15.45** *break*
- 15.45-16.15 Ruggiero Giacomo** – Optimized biofuels production by Syngas Fermentation.  
Supervisor: Antonio Marzocchella
- 16.15-16.45 Sangermano Felicia** – Microbial and plant bioactive metabolites for agriculture and pharmaceutical industry.  
Supervisor: Viola Calabrò
- 16.45-18.00 Committee meeting**
- 18.00 Proclamation**

### **Committee:**

1. **Prof. Mauro Magnani**, Università degli Studi “Carlo BO”, Dip. di Scienze Biomolecolari
2. **Prof. Loredano Pollegioni**, Università dell’Insubria, Dip. di Biotecnologie e Scienze della Vita
3. **Prof. Sergio Lanteri**, Università di Torino, Dip. di Scienze Agrarie
4. **Prof. Antonio Ventosa**, Università di Siviglia
5. **Prof. Isabelle Meynial-Salles**, Università di Tolosa



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**Team name: “Final Exam PhD Biotechnology cycle 33 - II Session”**

**Link to the team:**

<https://teams.microsoft.com/l/channel/19%3aadCM4cwvINN86KWDamTyKEmbcvuULnYx6VzoBPO88Dg1%40thread.tacv2/Generale?groupId=778a903f-d148-4542-b46e-d38f2d91f232&tenantId=2fcfe26a-bb62-46b0-b1e3-28f9da0c45fd>

**Code: “cf57mc9”**