



UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

Dipartimento di Biologia

Dottorato in Biotecnologie

Coordinatore Prof. Marco Moracci



## **PhD in Biotechnology – 37<sup>th</sup> cycle**

### **PhD thesis defence – Commission II**

**January 15, 2025 - starting time 10.00**

**Department of Biology, Aula BIO6**

**(Building 7 – level “-1”, Campus Monte Sant’Angelo, Via Cintia, Naples)**

The examination session will be also accessible by 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.

- 10.00-10.30 Castaldi Valeria** – From defense to microbiome modification: the talented role of prosystemin and its derived peptides in tomato plants.  
Supervisor: R. Rao
- 10.30-11.00 Giustino Enrica** – Algaceutical: when microalgae application meets innovation.  
Supervisor: M.D. Monti
- 11.00-11.30 Marra Luigi** – Strategies for techno-economic feasibility and sustainability of microalgae industrial applications.  
Supervisors: A. Marzocchella, A. Pollio
- 11.30-12.00 Schibeci Martina** – Cutting-edge antimicrobial strategies: bacterial nanocellulose for the sustainable delivery of cryptic antimicrobial peptides identified in the human proteome.  
Supervisor: A. Arciello
- 12.00-12.30 Shaikh Ibrahim Ali** – Identification and exploitation of (hyper)thermophilic (hemi)cellulases and new enzymes for lignocellulosic waste products recycling.  
Supervisors: M. Moracci, B. Cobucci Ponzano
- 12.30-13.00 Committee meeting**
- 13.00 Proclamation**



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### **Committee:**

1. **Prof. Roberto Fattorusso**, Università degli Studi della Campania Luigi Vanvitelli
2. **Prof. Francesco Vinale**, Università degli Studi di Napoli Federico II
3. **Prof. Vitor Vasconcelos**, Universidade do Porto – Portugal

**Team name: “Final Exam PhD Biotechnology 37<sup>th</sup> cycle-Comm II”**

**Code (immediate access to the team; reserved to @unina.it users): “3nc18r7”**

### **Link to the meeting:**

[https://teams.microsoft.com/l/message/19:blA9eCt1wh2LkfqdKxJ1YAYQQYWWMYH2KmrnS\\_xV4e11@thread.tacv2/1736361806868?tenantId=2fcfe26a-bb62-46b0-b1e3-28f9da0c45fd&groupId=653bad78-cf88-4208-b930-58aefdc9d5e0&parentMessageId=1736361806868&teamName=Final%20Exam%20PhD%20Biotechnology%2037th%20cycle-Comm%20II&channelName=General&createdTime=1736361806868](https://teams.microsoft.com/l/message/19:blA9eCt1wh2LkfqdKxJ1YAYQQYWWMYH2KmrnS_xV4e11@thread.tacv2/1736361806868?tenantId=2fcfe26a-bb62-46b0-b1e3-28f9da0c45fd&groupId=653bad78-cf88-4208-b930-58aefdc9d5e0&parentMessageId=1736361806868&teamName=Final%20Exam%20PhD%20Biotechnology%2037th%20cycle-Comm%20II&channelName=General&createdTime=1736361806868)