



UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II



Dipartimento di Biologia

Dottorato in Biotecnologie

Coordinatore Prof. Marco Moracci

**PhD in Biotechnology – 34° cycle**

**Esame finale- PhD thesis defence**

**April 11, 2022 - starting time 14.00**

**Department of Biology, Sala del Consiglio**

**(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.

- 14.00-14.30** **Castaldi Stefany** – Biology and applications of Industrial microorganism.  
Supervisor: Rachele Isticato
- 14.30-15.00** **Cuomo Paola** – Metabolomics as a means to control human bacterial infections using a synthetic formyl peptides antagonist.  
Supervisor: Rosanna Capparelli
- 15.00-15.30** **De Luca Maria** – Antimicrobial functionalization of surfaces through chimeric protein self-assembling.  
Supervisor: Angela Arciello
- 15.30-16.00** **Masino Antonio** – In silico identification, production and characterization of novel bioactive peptides with antimicrobial, anti-biofilm and anti-inflammatory activity.  
Supervisor: Eugenio Notomista
- 16.00-16.15** *break*
- 16.15-16.45** **Mirpoor Fatemeh** – Reinforcement of hydrocolloid bioplastics aimed at food packaging.  
Supervisor: Raffaele Porta
- 16.45-17.15** **Petrillo Claudia** – Application of Plant-Growth-Promoting Rhizobacteria Microorganisms for the improvement of agricultural productivity.



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**17.15-17.45 Stanzione Ilaria** – Fungal proteic biosurfactants for the development of biosensing and biomedical platforms.

Supervisor: Paola Giardina

**17.45-18.30 Committee meeting**

**18.30 Proclamation**

### **Committee:**

1. **Prof.ssa Viviana Izzo**, Università degli Studi di Salerno, Salerno
2. **Prof.ssa Ligia O. Martins**, University of Lisbon, Portugal
3. **Prof.ssa Lidia Muscariello**, Università degli Studi della Campania Luigi Vanvitelli, Caserta
4. **Dr. Uroš Novak**, National Institute of Chemistry, Ljubljana, Slovenia

**Team name: “Final Exam PhD Biotechnology 34th cycle”**

**Code (immediate access to the meeting): “t1wo1n5”**

**Link to the team (admission to the meeting needed):**

<https://teams.microsoft.com/l/team/19%3ahldumK4weBJexHVemIsJN1vyX7vUvqTT84XiTdO0i7w1%40thread.tacv2/conversations?groupId=0914f2ed-3a90-4113-a04a-30bd640cbf36&tenantId=2fcfe26a-bb62-46b0-b1e3-28f9da0c45fd>