



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 microorganisms.
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** – Anti-infective medical devices: the employment of host defence peptides identified in human apolipoprotein B.
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** – Protein-based bioplastics from seed oil cakes.
Supervisor: Raffaele Porta
- 16.45-17.15** **Petrillo Claudia** – Application of plant-growth-promoting *rhizobacteria* for the improvement of agricultural productivity.
Supervisor: Rachele Isticato



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17.15-17.45 Stanzione Ilaria – Fungal proteic biosurfactants for the development of biosensing 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): “tlwo1n5”

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>