



Research Doctorate in Biology, University of Pisa

PHD RESEARCH PROJECT PRESENTATIONS

16th December 2024

Venue: Centro congressi Le Benedettine, aula BEN A

Speakers:

14,30 **Giacomo Bernabei** (III year, 20 minutes+ 5 discussion)

Title: "Environmental microbiomes for the degradation of chlorinated pesticides in soils".

Tutor: Prof. Riccardo Di Mambro

14,55 **Paola Degiorgi** (III year, 20 minutes+ 5 discussion)

Title: "Development of integrated models of native flora migrations by advanced geostatistical and biodiversity informatics techniques".

Tutor: Prof Gianni Bedini

15,20 **Salvatore Andrea Cafiero** (III year, 20 minutes+ 5 discussion)

Title: "Trophic cascades and pathogen transmission in an ever changing environment: the case study of *Echinococcus multilocularis*".

Tutors: Prof. Alessandro Massolo, Dr. Adriano Casulli

15,45 **Alessio Felici** (III year, 20 minutes+ 5 discussion)

Title: "Big data analysis approaches to determine gene-environment interactions in cancer development".

Tutor: Prof. Daniele Campa

16,10 **Chiara Agabiti** (III year, 20 minutes+ 5 discussion)

Title: "Distribution of sea turtles and their anthropogenic threats: innovative approaches to improve conservation actions"

Tutor: Prof. Paolo Casale

16,35 **Alice Alessandra Galeotti** (III year, 20 minutes+ 5 discussion)

Title: "Novel neuroprotective strategies in Alzheimer's disease based on combinatorial approaches of mechanical stimulation and antioxidant compounds administration".

Tutors: Prof. Vittoria Raffa, Prof. Ugo Borello

17,00 **Dian Cruz Tejada** (III year, 20 minutes+ 5 discussion)

Title: "Unravelling climate risks for plant regeneration by seed in the Mediterranean".

Tutor: Prof. Angelino Carta

17,25 **Federica Spina** (III year, 20 minutes+ 5 discussion)

Title: "Killer whale formation swimming: spatial positions within a group, energetics, and interactions with a declining prey".

Tutor: Prof. Paolo Luschi, Dr. Paolo Domenici, Prof. Alessandro Massolo

17, 50 **Miriam Ferretti** (III year, 20 minutes+ 5 discussion)

Title: "Ecosystem assessment of the environmental impact of light pollution and urbanisation on Mediterranean coastal habitats".

Tutors: Prof. Elena Maggi/ Dr. Francesca Rossi/ Prof. Lisandro Benedetti-Cecchi