

Dottorato in Scienze della Vita – Life Sciences

PhD DAY

27th September 2023

Università di Siena

Polo Scientifico San Miniato - Aula 14



9:00 Registration

9:30 Opening session:

- Prof. Simona Maccherini - Coordinator PhD programme in Life Sciences
- Prof. Andrea Garulli - Delegate for PhD courses
- Prof. Cosima Baldari - “John Laird Telford” PhD Award

10:00-11:20 Session 1: Cell Biology, Physiopathology and Pharmacology

10:00-10:20 **Francesca Papi** - Development of murine B cell platform for the isolation and characterization of mAbs against bacterial antigens

10:20-10:40 **Miriana Di Stefano** - Big data analysis and artificial intelligence in hit identification and target fishing for neurodegenerative diseases

10:40-11:00 **Luca Cerri** - Olive leaf extract for corneal wound healing

11:00-11:20 **Dalia Corbo** - New insights on IntraFlagellar Transport (IFT): IFT-membrane interaction and IFT turnaround

11:20-11:50 Coffee break

11:50-13:10 Session 2: Biodiversity, Conservation and environment quality

11:50-12:10 **Lazzeri Lorenzo** - Interspecific relationships in a mammal community in a Mediterranean area

12:10-12:30 **Sara Parri** - Water conservation strategy and physio-molecular responses of three Italian olive (*Olea europaea* L.) cultivars under drought stress

12:30-12:50 **Mehriban Jafarova** - Monitoring the deposition of airborne microplastics with moss

12:50-13:10 **Sara Boschi** - Molecular tools to study historic and recent pathways of entry and spread for the invasive Japanese beetle and development of control strategy break

13:10-14:20 Light lunch

14:20-16:00 Session 3: Cell Biology, Physiopathology and Pharmacology

14:20-14:40 **Chiara Goracci** - Study of lung fibrogenesis in vivo e vitro model

14:40-15:00 **Paolo Cantaloni** - Evaluation of Monkeypox- and Vaccinia virus-neutralizing antibodies in human serum samples after vaccination and natural infection

15:00-15:20 **Elettra Fallani** - Public health impact of influenza vaccination in Italy: barriers, benefits and interventions in the field of prevention

15:20-15:40 **Gioia Boncompagni** - Leukemic cell-secreted interleukin-9 suppresses cytotoxic T cell-mediated killing in chronic lymphocytic leukemia

15:40-16:00 **Ludovica Ancarani** - Profiling of the serological response to *Gonococcus* in healthy subjects receiving 4CmenB vaccine (ONLINE)

16:00-16:30 **Plenary Lecture: Prof. DUCCIO ROCCHINI**: "Spectral entropy: the holy grail of remote sensing for estimating diversity from space" Alma Mater Studiorum University of Bologna ONLINE

16:30-17:10 Poster session (Dottorandi XXXVII ciclo)

Biodiversity, conservation and environment quality

Cell Biology, Physiopatology and Pharmacology

17:10-17:30 Conclusive remarks, Awards