



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

UNIVERSITY OF PADOVA
DAFNAE
Department of Agronomy Food Natural
resources Animals and Environment

**Ph.D. ANIMAL
COURSE & FOOD
SCIENCE**
UNIVERSITY OF PADOVA



WORKSHOP

Advances in Agricultural Sciences: PhD Research Opportunities and Training

12 June 2024

Aula 1 Ca gialla, Agripolis, Legnaro (Padova)

9:00-9:30 – Introduction: Welcome, Opening Remarks and Overview of DAFNAE department and Agripolis campus

Prof. Enrico Sturaro, DAFNAE department, University of Padua

9:30-9:45 – Presentation of the Animal Science Area: Overview of Research and Academic Programs

Prof. Stefano Schiavon, Prof. Luigi Gallo, University of Padua

9:45-10:00 – Presentation of the PhD Course in Animal and Food Science (AFS): Overview and Opportunities

Prof. Angela Trocino, Coordinator of the PhD Course in AFS, University of Padua

10:00-10:15 – Research Lines and Opportunities for Incoming PhDs

Areas of Animal Science, Speaker: Prof. Angela Trocino, University of Padua

Areas of Food Science, Speaker: Prof. Alessio Giacomini, University of Padua

Areas of Chemical Agricultural Science, Speaker: Prof. Piergiorgio Stevanato, University of Padua

10:15-10:30 – Presentation of the PhD Course in Crop Science (CS): Overview and Opportunities

Prof. Massimo Faccoli, Coordinator of the PhD Course in CS, University of Padua

Prof. Vittoria Giannini, Vice Coordinator of the PhD Course in CS, University of Padua

Coffee Break

11:00-11:45 – Project Presentations by PhD Students in AFS

Dr. Cecilia Fanizza, University of Padua: "Sustainable aquafeed tailored for marine and freshwater recirculating aquaculture systems"

Dr. Mattia Pravato, University of Padua: "Development of smart technologies for welfare of laying hens under farming conditions"

Dr. Alessandro Toscano, University of Padua: "Novel strategies for heavy pigs rearing and their impact on dry-cured hams quality"

Dr. Alice Vanzin, University of Padua: "Subclinical intramammary infection from *Streptococcus agalactiae* or *Prototheca* spp.: a multi-OMICS approach to identify pathogen-specific and pathogen-generic signature of disease"

11:45-12:00 – Presentation of the PhD Students Association and PhD Study Agriculture Science at the University of Zagreb Faculty of Agriculture: Overview and Opportunities

Ms ing agric Laura Pismarović president of Association of PhD students

Prof. Ante Ivanković, Head of PhD study

Ms ing agric Dubravka Lisičak, secretary of PhD study; University of Zagreb Faculty of Agriculture)

12:00-12:30 – Project Presentations by PhD Students in Agriculture Science

Ms. ing agric Mario Shihabi, University of Zagreb: "Inbreeding and selection at the X chromosome in domestic animal populations "

Ms. ing agric Dr. Sandra Skendžić, University of Zagreb: "Classification of Damage by Cereal Leaf Beetles on Winter Wheat using Spectral Reflectance, Vegetation Indices and Machine Learning "

Dr. Mateja Pećina, University of Zagreb: "Genetic, Economic and Social Interactions of Local Breed Conservation Programs" (*University of Zagreb Faculty of Agriculture – DAFNAE*)



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12:30-13:00 – **Discussion:** Open floor for questions and discussions

Facilitators: Prof. Enrico Sturaro and Prof. Angela Trocino, University of Padua

13:00-14:00 – **Lunch at the AGRIPOLIS Canteen**

15:00 – **Visit to the University of Padua, Palazzo Bo**