

# 1<sup>st</sup> PhD WORKSHOP

## LIFE and HEALTH SCIENCES

Camerino - November 25<sup>th</sup> 2022

📍 Department of Biosciences - Conference room "F.U. Rollo"

🌐 Virtual room: <https://unicam.webex.com/meet/annamaria.eleuteri>

### Programme

- 10.30 Opening by Prof. Anna Maria Eleuteri (Coordinator) - Rector's welcome
- 10.45 Prof. Andrea Crisanti *A scientific journey through decades of research*

#### Morning session

Chair: Prof. Valentina Cecarini

- 11.30 Lucia Biagini *Early macrophage recruitment and increased neoangiogenesis in the yolk sac of chicken embryos inoculated with a probiotic blend*
- 11.50 Martina Coletta *Influence of organic and conventional management systems on soil microarthropods in protected and non-protected areas*
- 12.10 Fanrui Zhao *Walnut-derived Peptide Activates PINK1 via NRF2/KEAP1/HO-1 Pathway, Promotes Mitophagy, and Alleviates Learning and Memory Impairments in a Mice Model*
- 12.30 Mario De Mauro *Innovation in Teaching Practice Based on Students' Perception*
- 13.00 Lunch break – Poster session

#### Afternoon session

Chair: Prof. Attilio Fabbretti

- 14.30 Monica Falcinelli *Risk assessment of (re)-emerging VBD in Southern Europe based on Machine Learning processing of poly-observational data*
- 14.50 Oluwat. Faniyan *Adolescent chronic sleep restriction has long-lasting effects on behavior and prefrontal cortex glutamatergic synapses of alcohol-preferring rats*
- 15.10 Ifra Ferheen *Plastics as Durable Islands for Harboring Multidrug-Resistant Bacteria in Aquatic Ecosystems*
- 15.30 Chunmei Gong *Immortalized Alzheimer's disease astrocytes: characterization of their proteolytic pathways*
- 15.50 Rossana Petrilli *Biological ammonia removal by the bacterial community selected from the P.S. Elpidio wastewater treatment plant*
- 16.10 Lishan Cui *Immunogenicity of two recombinant DNA COVID-19 vaccines in young and aged mice*