

# 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

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

13.00 *Lunch break – Poster session*

### Afternoon session

Chair: Prof. Attilio Fabbretti

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