

Biology in the evening



Programme

1, 2, 3, 8, 9, 10 April 2019

Organization:

Direction of Degree in Biology - **Olga Maria Lage e Paula Melo**

NEBUP – **Naomi Zengler**

1 April – Monday

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| 18:00 – 18:10 | First Degree in Biology – Olga Maria Lage |
| 18:10 - 18:30 | Research in GreenUPorto - Ruth Pereira |
| 18:30- 18:45 | Environmental risk assessment and soil quality recovery tools subject to different uses - Ruth Pereira |
| 18:45- 19:00 | Plants responses to abiotic stress – a glimpse of Plant Stress lab research - Fernanda Fidalgo, Jorge Teixeira |
| 19:00- 19:15 | Plant Productivity lab - Ongoing research: from glutamine synthetase to GreenRehab, Green rehabilitation system for burned soils - Paula Melo |
| 19:15- 19:30 | Protein trafficking and endomembrane system - José Pissarra, Susana Pereira, Ana Séneca |

2 April – Tuesday

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| 18:00 - 18:30 | CIIMAR and opportunities in Marine Biotechnology and Ecotoxicology - Vitor Vasconcelos |
| 18:30- 18:45 | Bioremediation and ecosystem functionality - Ana Paula Mucha, Catarina Magalhães |
| 18:45- 19:00 | Planctomycetes bacteria that make the difference: diversity, biology and applications - Olga Maria Lage |
| 19:00- 19:15- | Research in Microbiology Applied to the Environment and Biotechnology - Teresa Borges |
| 19:15- 19:30 | Marine Biodiversity: From ecosystem services to new business and sustainable development goals - Isabel Sousa Pinto |

3 April – Wednesday

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| 18:00 - 18:15 | Fish Nutrition Research at NUTRIMU - CIIMAR - Aires Oliva Teles |
| 18:15 - 18:30 | Assessment of microplastics impact in the dynamic of solar salterns Natividade Vieira |
| 18 :30- 18:45 | Pathology of Aquatic Animals - CIIMAR - Maria João Santos, Aurélia Saraiva, Cristina Cruz, José Américo Sousa |

3 April – Wednesday (Cont.)

- 18:45- 19:00 The use of ecotoxicological tools for an integrated assessment of freshwater ecosystems - **Sara Cristina Antunes, Nuno Formigo**
- 19:00- 19:15 When less is more: gene duplication, loss and phenotype evolution - **Filipe Castro**
- 19:15 - 19:30 Endocrine disruptors: Human and environmental health- **Miguel Santos**

8 April – Monday

- 18:00 – 18:15 Research at CIBIO: a brief guided visit to the factory of dreams - **Nuno Ferrand**
- 18:15 - 18:45 The MUSEUM in Motion: Understanding Life and the World - **Nuno Ferrand**
- 18:45- 19:00 Microbial Diversity and Evolution - **Fernando Tavares**
- 19:00- 19:15 Virus and immune system: a permanent “iron arm” - **Pedro Esteves, Joana Abrantes**
- 19:15- 19:30 Resistance to antibiotics: a global threat - **Sandra Quinteira**

9 April – Tuesday

- 18:00 - 18:15 PLANTBIO - from plant functional biology to agrobiodiversity using the power of genomics - **Mariana Pereira, Ana Campilho, Herlander Azevedo**
- 18:15- 18:30 Botany and archeobotany - **Rubim M. Almeida**
- 18:30- 18:45 ECOCHANGE - Predicting and Managing Ecological Change - **João Honrado**
- 18:45- 19:00- MARE Centro de Ciências do Mar e do Ambiente: Biogeography and taxonomy of tardigrades - **Paulo Fontoura**
- 19:00- 19:15 Biotechnology in assisted reproduction - **Vasco Martins de Almeida**
- 19:15 – 19:30 Evolutive genomics and bioinformatics – **Agostinho Antunes**

10 April – Wednesday

- 18:00 - 18:20 Research in i3S - **Paula Tamagnini**
- 18:20 - 18:35 CyanoPolymerApps - Cyanobacterial extracellular polymeric substances (EPS): From the genes to the industrial toolbox - **Paula Tamagnini, Sara Pereira**
- 18 :35 – 18:50 Population Genetics and Evolution - **António Amorim, Maria João Ribeiro, Luisa Azevedo**
- 18:50- 19:05 Reprogramming of gastric cancer stem cells - **Raquel Almeida**
- 19:05- 19:15 LAQV/REQUIMTE- Science and Training of Excellence in UP and FCUP - **Conceição Santos/Sílvia Coimbra**
- 19:15- 19:30 Molecular networks involved in the sexual reproduction of plants - **Sílvia Coimbra, Luis Gustavo Pereira**
- 19:30 - 19:45 Regulate the communication of cells between each other and with the outside: examples and applications - **Conceição Santos**