

# PROGRAM

### 09.00 h – Registration

### 09.30 h – Welcoming session

### 09.45 h – Session I

**09.45 h - João Tereso & Filipe Vaz** (*EnvArch – CIBIO*)  
"Archaeobotany at CIBIO: B-Roman and other recent and ongoing projects"

**10.00 h - Cláudia Pereira & Inês Moura** (*PSI Lab - GreenUPorto*) "Endomembrane organization and unconventional trafficking under stress"

**10.15 h - Raquel Tavares & Raquel Linheiro** (*PlantEvol - CIBIO*) "An (epi-genomic) approach to uncover the adaptive potential of Portuguese grapevine to global warming"

**10.30 h - Susana Carvalho & Nuno Ponte** (*Crop Sustainability and Quality Group - GreenUPorto*) "Crop Sustainability and Quality group: overview on the expertise and current projects"

**10.45 h - Joana Vicente & A. Sofia Cardoso** (*InvasionS - CIBIO*) "Plants in EU - The role of eLTER (European Long Term Ecological Research) and Where's Wally? The search for invasive plants on social media!"

### 11.00 h – Coffee break

### 11.30 h – Session II

**11.30 h - Ana M. Pereira & Diana Moreira** (*SPRed Lab - REQUIMTE*) "From gametes to seeds - the power plant reproduction"

**11.45 h - Gabriel Marais & Catarina Branco** (*PlantEvol - CIBIO*) "Identifying the sex-determining genes on the giant Y chromosome of the dioecious plant *Silene latifolia*"

**12.00 h - Paula Melo & Emanuel Moreira** (*Plant Productivity Lab - GreenUPorto*) "Increase the Plant Productivity in a Sustainable Way".

**12.15 h - Cláudia Fernandes & Catarina Teixeira** (*Landscape Planning, Design and Management - CIBIO*) "The role of plant traits for climate change adaptation and mitigation in cities"

**12.30 h - Ana Campilho & Davide Botticelli** (*PlantBio - CIBIO*) "Control of Oriented Plant Cell Division"

### 12.45 h – Lunch break

### 14.30 h – Session 3

**14.30 h - Ana L. Soares & Ana R. Cunha** (*CEAB/ISA LEAF/ISA - U.Lisboa*) "TREES IN NUMBERS: the tree heritage of lisbon's public parks and gardens"

**14.45 h - Francisco Moreira & Ricardo Ceia** (*AGRODIV - CIBIO*)  
"Forest restoration through assisted natural regeneration techniques"

**15.00 h - Cristiano Soares & Filipa Sousa** (*Plant Stress Lab - GreenUPorto*) "How can we improve plant growth under a changing environment? – a sneak-peek at Plant Stress lab research"

**15.15 h - Helena Carvalho & Ana Rita Seabra** (*Plant N - CIBIO*)  
"Glutamine synthetase in *Medicago truncatula*, new tales of a very old enzyme"

**15.30 h - Pedro Humberto & Castro Leandro Pires** (*PlantBio - CIBIO*) "Functional characterization of genetic players in the environmental stress response and iodine regulation in plants"

**15.45 h - Jorge Teixeira & Ana Afonseca** (*PSI Lab - GreenUPorto*) "Coping with heavy metals in excess. The role of metallothioneins"

### 16.00 h – Coffee break

### 16.30 h – Session IV

**16.30 h - Manuel Curto & David Silva** (*PlantBio - CIBIO*)  
"Exploring plant genetic resources and biodiversity with genomics".

**16.45 h - Ruth Pereira & Beatriz Fernandes** (*LabRisk - GreenUPorto*) "Assessment of the effects of soil amendments on vine plants-soil interactions"

**17.00 h - Joana Marques & Paula Portela** (*APPLECOL - CIBIO*)  
"ROCKinBIO - A science-based cultural heritage conservation project at the Côa Valley Archaeological Park (UNESCO)".

**17.15 h - Helena Hespanhol & Paula Portela** (*ECOCHANGE - CIBIO*) "Combining microclimate sensor networks and models to uncover the vulnerability of a threatened bryophyte to climate change".

**17.30 h - Ana Aguiar & Joana Neto** (*GreenUPorto*) "Crop protection strategies in agroecosystems".

### 17.45 h – Closing session