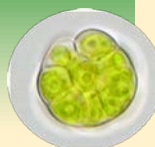
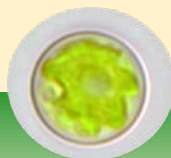


# LICHENS AS MODELS for SCIENTIFIC SYNERGY

Biomonitoring, genomics and metabolomics  
applied to biodiversity conservation

SCIENTIFIC RETRAIT: PROMETEO/2021-005, GVA



## KEYNOTE SPEAKERS

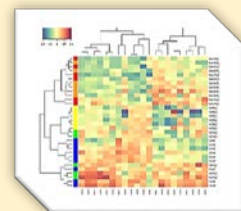
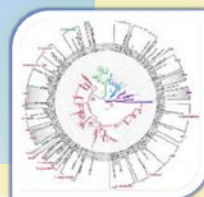
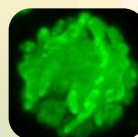
- \* **Kristiina Mark**  
Estonian University of Life Sciences, Tartu
- \* **Monica Casale, Paolo Giordani**  
Universitat degli Studi di Genova, Italy
- \* **Lucia Muggia**  
Università di Trieste, Italy
- \* **Myriam Catalá, Joana Expósito**  
Universidad Rey Juan Carlos, Spain
- \* **Vicent Calatayud**  
Centro de Estudios Ambientales del Mediterráneo, CEAM, Spain
- \* **Arántzazu Molins**  
Universitat de les Illes Balears (UIB), Spain
- \* **César Bordenave, Ayelén Gazquez, Marta Pérez**  
Universitat de València, Instituto Cavanilles de Biodiversidad y Biología Evolutiva, ICBIBE

14-17  
DECEMBER  
2021

OPEN TO ALL

## ORGANIZERS

Eva **Barreno**  
Salvador **Chiva**  
Patricia **Moya**



**Venue:** Seminar room, Botany & Geology Department  
Faculty of Biological Sciences, Universitat de València  
46100- Burjassot, C/ Dr. Moliner 50, Spain



Departament de Botànica i Geologia

**ICBiBE**  
Institut Universitari Cavanilles  
de Biodiversitat i Biologia Evolutiva

VNIVERSITAT ID VALÈNCIA



SCIENTIFIC RETRAIT SCHEDULE: PROMETEO/2021-005, GVA

LICHENS AS MODELS for SCIENTIFIC SYNERGY: Biomonitoring, genomics and metabolomics applied to biodiversity conservation  
14-17 December 2021

Venues.: Seminar room, Botany & Geology Department Faculty of Biological Sciences, Universitat de València 46100- Burjassot, C/ Dr. Moliner 50, Spain

**14-12-2021**

**9:45 – 10:00 H: WELCOME ADDRESS**

<b>AUTHORS</b>	<b>TITLE</b>	<b>INSTITUTION</b>
<b>10:00 – 10:30 h: Kristiina Mark</b>	Desiccation-rehydration stress experiments through gas-exchange and plant volatilome measurements.	Estonian University of Life Science
<b>11:00 – 11:30 h: Ayelén Gazquez</b>	Physiological and molecular behavior of microalgae isolated from lichens under different environmental conditions	Universitat de València, ICBIBE
<b>12:00 – 12:30 h: César Bordenave</b>	Ultrastructure of <i>Trebouxia lynnae</i> sp. nov. revealed by freeze-etching scanning electron microscopy	Universitat de València, ICBIBE

**LUNCH TIME**

**15:00 – 17:00 h: METABOLOMICS WORKING GROUP. PROMETEO 2021-005**

**15-12-2021**

<b>AUTHORS</b>	<b>TITLE</b>	<b>INSTITUTION</b>
<b>10:00 – 10:30 h: Marta Pérez</b>	Xylitol: key to desiccation tolerance of lichen symbiotic microalgae?	Universitat de València, ICBIBE
<b>11:00 – 11:30 h: Myriam Catalá</b>	NO biosynthesis in <i>Ramalina farinacea</i> , NIRS fingerprinting of thalli and phycobionts and aquaphotomics of dehydration	Universidad Rey Juan Carlos

**LUNCH TIME**

**15:00 – 17:00 h: SYNERGIES AND COLLABORATIONS WORKING GROUP.  
PROMETEO 2021-005**

**16-12-2021**

**10:00 – 12:00 h: BIODIVERSITY AND ISOLATION WORKING GROUP.  
PROMETEO 2021-005**

**12:15 – 13:00 h: Microalgae Isolation**

**LUNCH TIME**

<b>AUTHORS</b>	<b>TITLE</b>	<b>INSTITUTION</b>
<b>15:00 – 15:30 h: Vicent Calatayud</b>	<b>Ozone effects on vegetation</b>	<b>CEAM, Centro Estudios Ambientales Mediterráneo</b>
<b>15:45 – 16:15 h: Paolo Giordani</b>	<b>Not just 'less species'. Assessing the effects of anthropogenic disturbances with new conceptual, sampling and application tools for lichen biomonitoring</b>	<b>Universitat degli Studi di Genova</b>
<b>16:30 – 17:00 h: Monica Casale</b>	<b>NIR Spectroscopy: an overview. From theoretical basis to applications</b>	<b>Universitat degli Studi di Genova</b>

**17-12-2021**

**10:00 – 12:00 h: BIOMONITORING AND POLLUTION WORKING GROUP.  
PROMETEO 2021-005**

**LUNCH TIME**