SYNERGIES

HARNESSING BLUE & GREEN BIOTECH WAVES
FOR A SUSTAINABLE TOMORROW

February 26th 2025, 14h30

Faculty of Sciences of the University of Lisbon

C2 Building, 2nd Floor, Auditorium 2.4.16

SYNERGIES
HARNESSING BLUE & GREEN BIOTECH WAVES FOR A SUSTAINABLE TOMORROW

2025 Edition

Ciências Blue and Green Biotechnology Workshop

Organization

Ciências ULisboa

MARE

AR NET
AQUATIC RESEARCH NETwork

BioISI

ce3c
centre for ecology, evolution and environmental changes

CHANGE
Global Change and Sustainability Institute

GPS LAB
Grapevine Pathogen Systems Lab

BIOTOX
Laboratório de Biomonitorização e Ecotoxicologia

MAR 2030

PORTUGAL 2030

μRestart

Support

Rede mar
UNIVERSIDADE DE LISBOA

Rede agro
UNIVERSIDADE DE LISBOA

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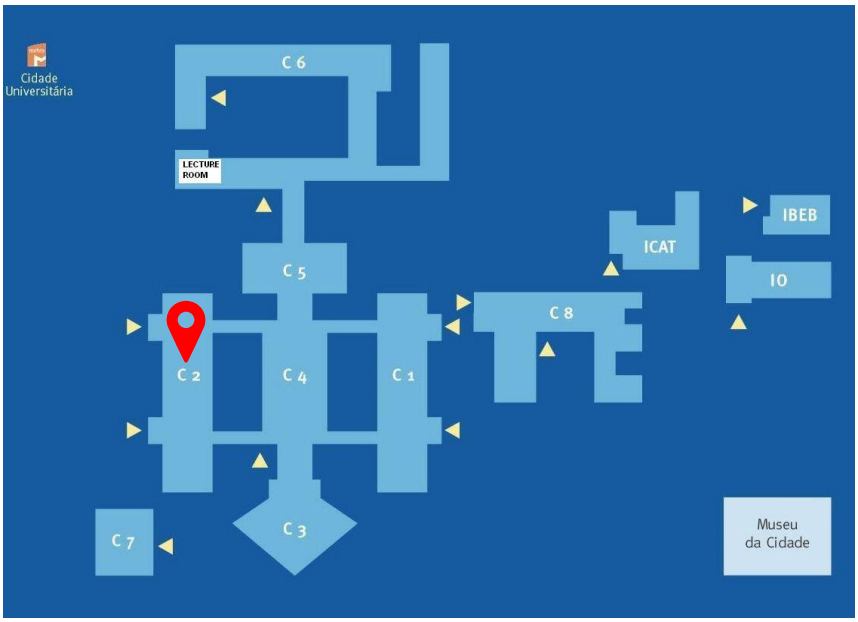
Ciências Blue and Green Biotechnology Workshop.

26th February 2025

14:00

Faculty of Sciences of the University of Lisbon, Building C2, Auditorium 2.4.16



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Ciências Blue and Green Biotechnology Workshop.

14h30 – Welcome

14h40 – Synergies Presentation

14h55 – Spatiotemporal control of CRISPR-Cas9 gene editing of DNA methylation genes in potato (Vera Inácio, FCUL/BioISI)

15h10 – Sensors for grapevine diseases: the use of cell cultures as a biotech proxy (Rita Santos, FCUL/BioISI)

15h25 – LusoTurf: Mycelium-based Composites for Sustainable Synthetic Turf Applications (Inês Ferreira, FCUL/CE3C/CHANGE)

15h40 – BioLab Lisboa Presentation (Rafael Calado, BioLab/CML)

15h55 – Coffee Break (4th floor atrium)

16h15 – Mini-Intestines: Organoids as a Personalized Medicine Tool in Cystic Fibrosis (Ines Pankonien, FCUL/BioISI)

16h30 – Tradition unveiled: an overview of microbiological studies on Portuguese traditional cheeses, merging conventional and OMICs analyses (Susana Serrano, FMV/CIISA)

16h45 – From ocean to plate: Why microalgae could be the next big thing in food (Anabela Raymundo, ISA/LEAF/TERRA)

17h00 – Combining edible nanofibers with muscle bioinks: a novel approach to produce cultured fish fillets (Diana Marques, IBB/i4HB/IST)

17h15 – From the Ocean to the Lab: How Marine Proteins Inspire Advanced Adhesives (Romana Santos, FCUL/MARE/ARNET)

17h30 – From sea to farm: the use of marine bacteria to boost plant resilience to climate change (João Carrerias, MARE/ARNET/BioISI)

17h40 – Dinoflagelados Marinhos na Indústria Cosmética: Uma nova fonte promissora de compostos bioativos para a pele? (Iolanda Clérigo, MARE/ARNET)

17h50 – Atividade neuroprotetora de compostos derivados de dinoflagelados marinhos (Madalena Teixeira, MARE/ARNET)

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Ciências ULisboa
BioISI
ForGen
Forest Genomics & Molecular Genetics Lab

Vera Inácio
Faculty of Sciences, University of Lisbon
BioISI - Biosystems & Integrative Sciences Institute

Spatiotemporal control of CRISPR-Cas9 gene editing of DNA methylation genes in potato

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Ciências ULisboa

BioISI

GPS LAB

Rita B. Santos

Faculty of Sciences, University of Lisbon

BioISI - Biosystems & Integrative Sciences Institute

Grapevine-Pathogen Systems Lab

Sensors for grapevine diseases: the use of cell cultures as a biotech proxy

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Ciências ULisboa
CE3C centre for ecology, evolution and environmental changes
CHANGE Global Change and Sustainability Institute

Inês Ferreira

Faculty of Sciences, University of Lisbon

CE3C - Centre for Ecology, Evolution and Environmental Changes

CHANGE - Global Changes and Sustainability Institute

LusoTurf: Mycelium-based Composites for Sustainable Synthetic Turf Applications

Rafael Calado

BioLab Lisboa

Lisbon City Council - Economy and Innovation

BioLab Lisboa Presentation

Ines Pankonien

Faculty of Sciences, University of Lisbon

BioISI - Biosystems & Integrative Sciences Institute

Mini-Intestines: Organoids as a Personalized Medicine Tool in Cystic Fibrosis

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Susana Serrano

Faculty of Veterinary Medicine, University of Lisbon

Centre for Interdisciplinary Research in Animal Health (CIISA)

Tradition unveiled: an overview of microbiological studies on Portuguese traditional cheeses, merging conventional and OMICs analyses

Anabela Raymundo

School of Agriculture, University of Lisbon

LEAF - Linking Landscape, Environment, Agriculture And Food

From ocean to plate: Why microalgae could be the next big thing in food

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Romana Santos

Faculty of Sciences, University of Lisbon

MARE - Marine and Environmental Sciences Centre

ARNET - Aquatic Research Network

From the Ocean to the Lab: How Marine Proteins Inspire Advanced Adhesives

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João Carreiras

MARE - Marine and Environmental Sciences Centre

ARNET - Aquatic Research Network

BioISI - Biosystems & Integrative Sciences Institute

FLASH TALK

From sea to farm: the use of marine bacteria to boost plant resilience to climate change

Iolanda Clérigo

Polytechnique Institute of Leiria

Faculty of Sciences, University of Lisbon

MARE - Marine and Environmental Sciences Centre

ARNET - Aquatic Research Network

FLASH TALK

Dinoflagelados Marinhos na Indústria Cosmética: Uma nova fonte promissora de compostos bioativos para a pele?

Madalena Teixeira

Polytechnique Institute of Leiria

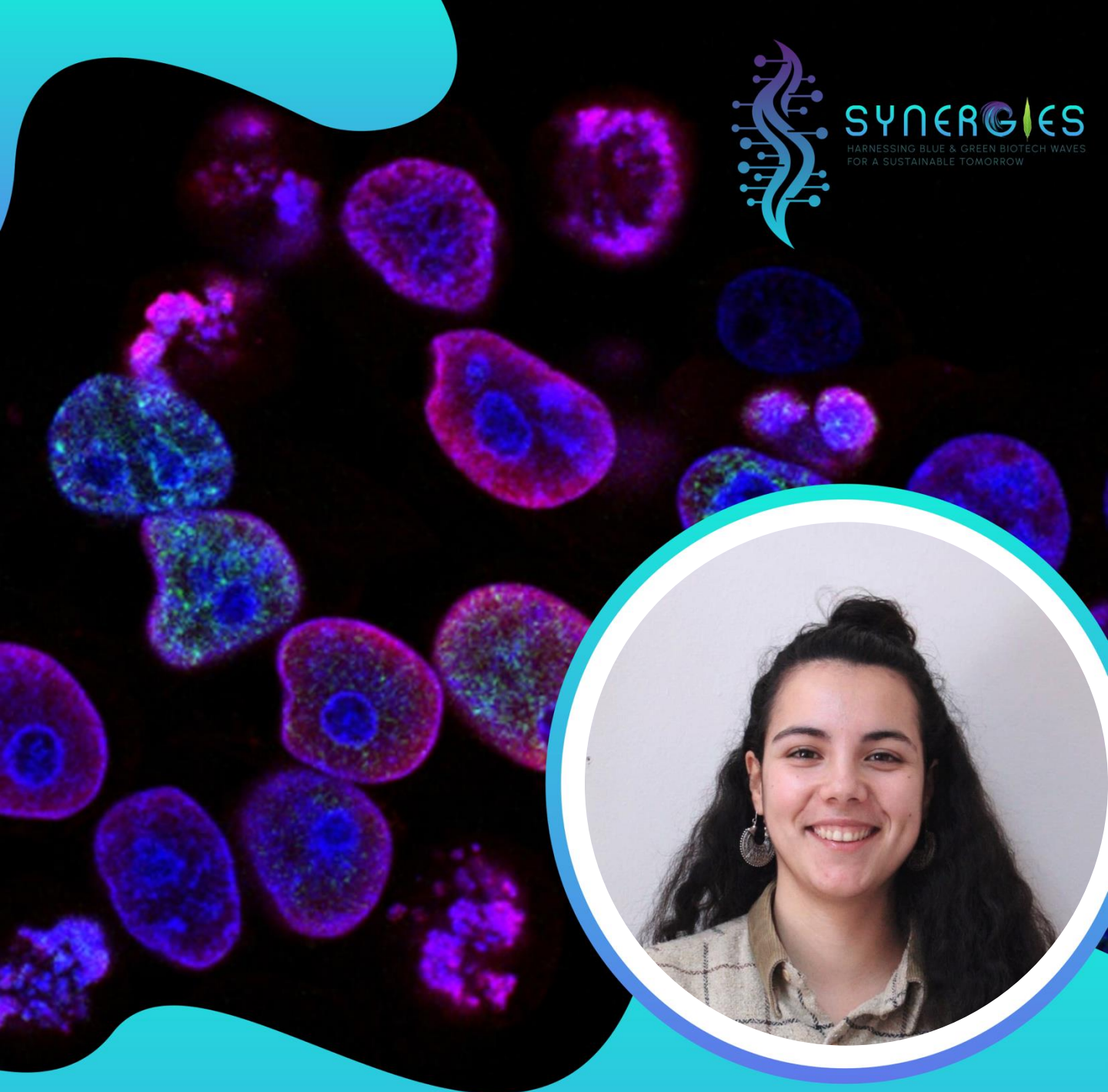
Faculty of Sciences, University of Lisbon

MARE - Marine and Environmental Sciences Centre

ARNET - Aquatic Research Network

FLASH TALK

Atividade neuroprotetora de compostos derivados de dinoflagelados marinhos



Diana Marques

Instituto Superior Técnico

iBB – Institute for Bioengineering and Biosciences

i4HB - Institute for Health and Bioeconomy

Combining edible nanofibers with muscle bioinks: a novel approach to produce cultured fish fillets