

Blue Biotechnologies: AlgoLab researchers (BiGeA and CIRSA, UniBO) meet Waseda University

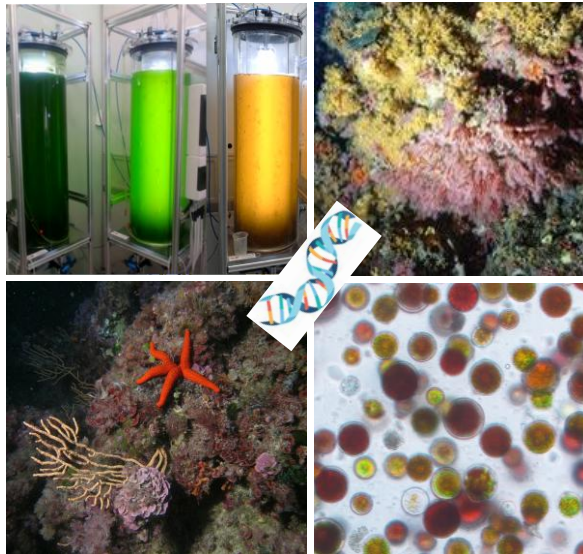


ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DEPARTMENT
OF BIOLOGICAL, GEOLOGICAL,
AND ENVIRONMENTAL
SCIENCES

21 Marzo 2025 ore 9,30

Laboratori R. Sartori
Via Sant'Alberto 163
Ravenna



- 9,30 Prof. Rossella Pistocchi and Prof. Laura Pezzolesi (Bologna Univ.) - Greetings and Introduction
- 9,45 Prof. Haruko Takeyama (Waseda Univ.) - Advanced Technologies for Unraveling Microbial Functions: Developments in Single-Cell Omics
- 10,10 Dr. Martina Franchini (Bologna Univ.) – Role of Microalgae-associated Bacterial Communities in Polyhydroxybutirate (PHB) Producing *Desmodesmus communis* Biomasses
- 10,35 Prof. Masahiro Ando (Waseda Univ.) - Non-Destructive Multi-Scale Metabolomic Profiling via Raman Spectroscopy: From Single-Cells to Bulk Systems
- 11,00 Coffe break
- 11,20 Dr. Mara Simonazzi (Bologna Univ.) – Coupling Carbon Nanomaterials With Cyanobacteria And Microalgae: Towards Enhanced Photosynthesis And Production Of High-added Value Compounds
- 11,45 Dr. Giorgia Zoffoli (Bologna Univ.) – Cutting-edge Strategies For HAB Monitoring In Italian Shellfish Farms: The *Alexandrium minutum* Case Study
- 12,10 Dr. Lorenzo Montalbetti (Bologna Univ.) – Sustainable Extraction Of Astaxanthin From The Microalgae *Haematococcus lacustris* And The Genetically Engineered Cyanobacterium *Synechococcus* PCC11901 Using Vegetable Oils And Hydrophobic Deep Euteptic Solvents (PRIN 2022 PNRR project: SAME)
- 12,35 Prof. Masahito Hosokawa (Waseda University) - Analysis of Bacterial Genomes and Gene Expression at Single-Cell Resolution
- 13,00 Greetings From The Vice-rector (UNIBO) For The International Relationships



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