



## International Seminar

Science, Innovation and Cooperation:  
Portugal–China–Macau



*Come Join Us*

# Green Frontiers: International Training on Algae Innovation

Free Registration:

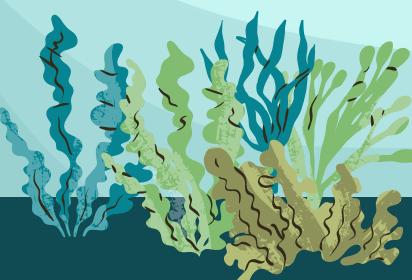
[https://us06web.zoom.us/webinar/register/WN\\_JfwGDGrPSpSr\\_M3UrMJsGg](https://us06web.zoom.us/webinar/register/WN_JfwGDGrPSpSr_M3UrMJsGg)

**20<sup>th</sup> January 2026 | At 9 AM (GMT +1)**

🕒 3 hours    📍 online

### What you'll learn:

- From algae growth to food, health and value
- Exploring bioactives, proteins and phytochemicals
- Sustainable solutions and industry-driven applications
- International research and PhD innovation



Let's work together for a better, more sustainable future!

# Program

## ⌚ 09:00 – 09:10 | Opening Session

### 🎙 Prof. Manuela Pintado

- Welcome and vision of the JLMES Seminar Series.
- Research impact in Portugal and international cooperation China and Macau.

## ⌚ 09:10 – 09:25 | Prof. Ana Gomes

- Algae growth modulation
- Nutritional benefits and functional food innovation

## ⌚ 09:25 – 09:40 | Prof. Paula Castro

- Microalgae at Work: From Wastewater to Value

## ⌚ 09:40 – 09:55 | Prof. Manuela Pintado

- Algae protein and peptides – extraction and valorization
- Nutritional and Bioactive value

## ⌚ 09:55 – 10:10 | Prof. Rui Morais

- Algae Phytochemicals

## ⌚ 10:10 – 10:35 | Case studies: PhD Student Lightning Talks

### 🎤 4-minute pitches:

- Djedjiga Bellouche
- Helena Rocha
- Israel Hernández
- Sara Cunha
- Paulo Nova
- Valter Martins

## ⌚ 10:35 – 10:45 | Coffee Break

- Informal exchange among participants



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# Program

## ⌚ 10:45 – 10:55 | Industry case studies

- **João Navalho (Necton)**

## ⌚ 10:55 – 12:00

- **Ana Gomes Bispo (IPMA)** | *Rugulopteryx okamurae*: Effect of the geography and seasonality on lipid fraction of this invasive brown seaweed
- **Dr Zhuoru Lin** | Paralytic shellfish toxins produced by dinoflagellate *Gymnodinium catenatum* and their biokinetics in bivalves
- **Dr Limei Qiu** | Large-Scale Screening and Identification of Novel Antimicrobial Peptides from Microalgal De Novo Transcriptomes
- **Dr Xiuliang Wang** | Comprehensive analysis of salicylic acid-derivatised alginate: Synthesis, characterisation, and anti-acne potential
- **Karen Araño Tagulao** | Algae in Macao: Current Insights and Future Perspectives



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