



10th Workshop in Lipidomics MARINE LIPIDOMICS

March 30th 2022

Zoom online meeting
14:30-17:20
(Lisbon time)

14h30 | Welcome & opening session – Rosário Domingues

14h40 | Keynote: Hugo Pereira (GreenColab, Portugal)

Improving the sustainability of algae production in commercial-scale facilities (25 min + 5 min Q&A)

15h10 | Susana Aveiro (GreenColab, Portugal)

The greater availability of nitrogen increases the amount of EPA-rich polar lipids increasing the added value of *Phaeodactylum tricornutum*

15h20 | Joana Fernandes (University of Aveiro, Portugal)

Polar lipidome of the commercial shrimp *Pandalus borealis* under a changing ocean

15h30 | Q&A

15h40 | Break

15h50 | Keynote: Alberto Reis (National Laboratory of Energy and Geology, LNEG, Portugal)

Advances in DHA production from the marine heterotroph *Cryptocodinium cohnii* (25 min + 5 min Q&A)

16h20 | Xochitl Vital (National Autonomous University of Mexico)

Lipids, fatty acids and pigments of the solar-powered sea slug *Elysia crispata* are not shaped by habitat depth

16h30 | Daniel Jerónimo (University of Aveiro, Portugal)

The role of polychaetes cultured under integrated multi-trophic aquaculture (IMTA) as valuable sources of essential fatty acids

16h40 | João Monteiro (University of Aveiro, Portugal)

The plasma phospholipidome of *Tursiops truncatus* presents interesting idiosyncrasies and a chance for prospective health monitoring tool development

16h50 | Joana Batista (University of Aveiro, Portugal)

Bioprospecting *Phaeodactylum tricornutum* as a source of lipids with anti-inflammatory potential

16h55 | Rita Pais (University of Aveiro, Portugal)

Scenedesmus obliquus, a potential source of lipids with anti-inflammatory properties

17h00 | Q&A

17h10 | Concluding remarks & closing session



Organization

Bruna Neves
Bruno Pinto
Diana Lopes
Felisa Rey
Francisca Marques
Pedro Domingues
Ricardo Calado
Rosário Domingues
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Free Registration

<https://forms.ua.pt/index.php?r=survey/index&sid=949878&lang=en>

Registration deadline: March 28th 2022

