



9th Workshop in Lipidomics

Lipidomics in health & disease

5th May 2021

Zoom online meeting

15h30| Welcome & opening session (Rosário Domingues)

15h40 | Keynote: Matej Oresic (Örebro University, Sweden)

Lipidome in non-alcoholic fatty liver disease: pathways, metabolic models and biomarkers (20 min + 5 min Q&A)

16h05 | Keynote: Wojciech Łuczaj (Medical University of Białystok, Poland)

Alteration of ceramide profile in psoriatic skin cells. The role of UV radiation and phytocannabinoid – cannabidiol as a therapeutic factor (20 min + 5 min Q&A)

16h25 | Inês Guerra (University of Aveiro, Portugal)

Using the MS-based lipidomics to evaluate possible deviations in plasma lipid profile of phenylketonuric children

16h35 | Helena Ferreira (University of Aveiro, Portugal)

Promising biomarkers in multiple sclerosis revealed by serum phospholipidomics

16h45 | Q&A || 16h55 | Break

17h05 | Keynote: Florian Gruber (MedUni Vienna, Austria)

Lipidomics in skin stress and skin aging research (20 min + 5 min Q&A)

17h30 | Keynote: Luísa Helguero (University of Aveiro, Portugal)

Understanding mammary gland function and breast cancer from a lipidomics perspective (20 min + 5 min Q&A)

17h50 | Bruna Neves (University of Aveiro, Portugal)

The challenge of the identification of bioactive nitrated phospholipids in biological samples: what's going on in Orbitrap platforms?

18h00 | Tatiana Maurício (University of Aveiro, Portugal)

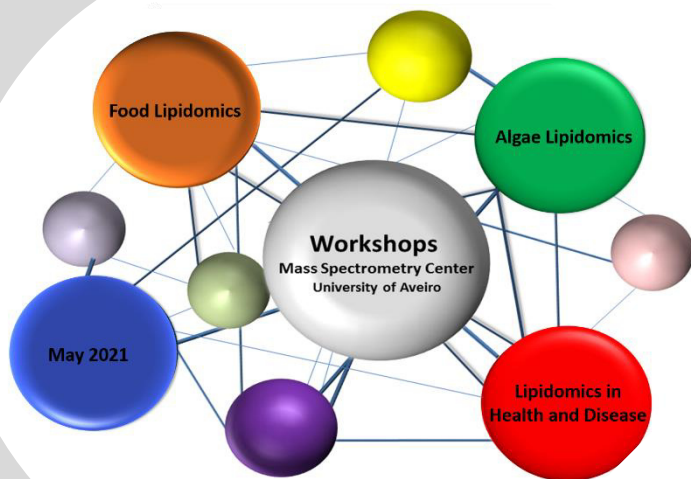
Macrophage remodelling by omega-3 and omega-6 fatty acids

18h05 | Beatriz Barbosa (University of Aveiro, Portugal)

From algae to value: farmed edible *Palmaria palmata* as a sustainable source of healthy EPA-polar lipids

18h10 | Q&A

18h20| Concluding remarks & closing session



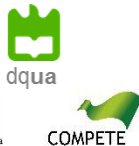
Organization

Ana Moreira
 Diana Lopes
 Francisco Amado
 Helena Ferreira
 Inês Guerra
 Pedro Domingues
 Rita Ferreira
 Rosário Domingues
 Sofia Guedes
 Núcleo de Estudantes de Química

Free Registration

<https://forms.ua.pt/index.php?r=survey/index&sid=697175&lang=en>

Registration deadline: 3rd May 2021





9th Workshop in Lipidomics FOOD LIPIDOMICS

19th May 2021

Zoom online meeting

15h30 | Welcome & opening session (Rosário Domingues)

15h35 | Keynote: Susana Casal (University of Porto, Portugal)

Food Lipids: The importance of knowing "the" lipid

(20 min + 5 min Q&A)

16h00 | Abigail Simões (University of Aveiro, Portugal)

Lipidomics as a key tool for the chemical fingerprinting and nutritional valorisation of olives - Part I: The olive seed

16h15 | Tiago Jardim (University of Aveiro, Portugal)

Lipidomics as a key tool for the chemical fingerprinting and nutritional valorisation of olives - Part II: The olive pulp

16h30 | Sílvia Petronilho (University of Aveiro, Portugal)

Insights into the characterization of primary oxidation products formed at frying temperature using triolein as a triacylglycerol model

16h45 | Q&A

16h55 | Break

17h10 | Keynote: Alejandro Cifuentes (Laboratory of Foodomics, CSIC, Spain)

Neuroprotective activity of bioactive compounds

(20 min + 5 min Q&A)

17h35 | Francisca Marques (University of Aveiro, Portugal)

The role of lipidomics in the development of algae blends for the food industry

17h45 | Daniela Couto (University of Aveiro, Portugal)

An efficient green extraction method to extract omega-3 and omega-6 lipids from *Chlorella vulgaris*

17h55 | Ricardo Calado & Fernando Ricardo (University of Aveiro, Portugal)

Advantages and limitations on the use of lipid fingerprints to confirm the geographic origin of seafood

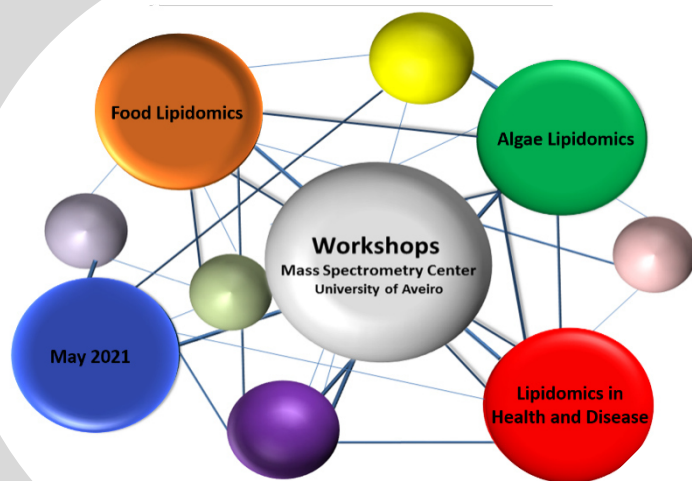
18h05 | Marcos Conceição (University of Aveiro, Portugal)

Fatty acid profiles of *Sardina pilchardus* muscle, a tool for geographical discrimination over the Iberian

Atlantic coast

18h15 | Q&A

18h25 | Concluding remarks & closing session



Organization

Bruna Neves

Daniela Couto

Eliana Alves

Felisa Rey

Pedro Domingues

Rosário Domingues

Susana Aveiro

Tiago Conde

Tiago Jardim

Núcleo de Estudantes de Química

Free Registration

<https://forms.ua.pt/index.php?r=survey/index&sid=697175&lang=en>

Registration deadline: 17th May 2021



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Fundação para a Ciência e a Tecnologia





9th Workshop in Lipidomics ALGAE LIPIDOMICS

26th May 2021

ZOOM online meeting

15h30| Welcome & opening session – Rosário Domingues (University of Aveiro, Portugal)

Omic4Algae: Lipidomic tools for chemical phenotyping, traceability, and valorisation of seaweeds from aquaculture as a sustainable source of high added-value compounds

15h40| Ricardo Calado (University of Aveiro, Portugal)

The role of lipidomics on the valorization of farmed seaweeds (15 min + 5 min Q&A)

16h00| Keynote: Thierry Durand (Institut des Biomolécules Max Mousseron, France)

NEO-PUFAs (isoprostanoids) and macro/microalgae: what nice and promising story (20 min + 5 min Q&A)

16h25| Tânia Melo (University of Aveiro, Portugal)

A look beyond the lipidome: farmed edible *Palmaria palmata* as a sustainable source of valuable EPA-polar lipids

16h35| Diana Lopes (University of Aveiro, Portugal)

Species and phylum specific polar lipidome: A support for seaweeds valorization

16h45| Q&A

16h50| Break

17h05| Keynote: Isabel Medina (Instituto de Investigaciones Marinas CSIC, Spain)

The algal revolution and healthy diets (20 min + 5 min Q&A)

17h30| Keynote: Iuliana Popa (University Paris-Sud, France)

Assessing by HPTLC method the lipids and colorants in alga material (20 min + 5 min Q&A)

17h55| Felisa Rey (University of Aveiro, Portugal)

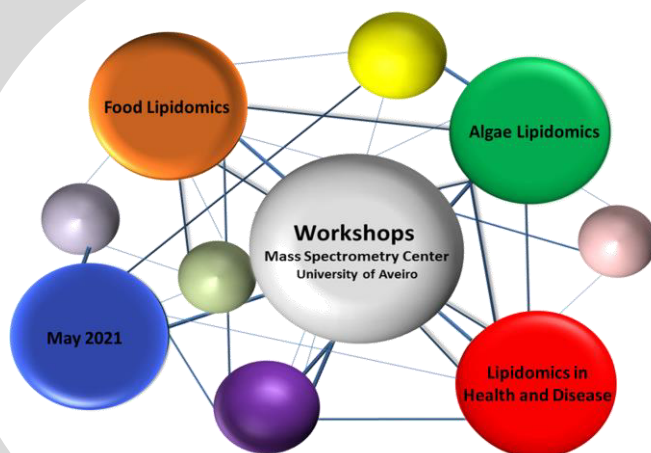
Seasonal plasticity of *Codium tomentosum* lipidome growing under different ecological and environmental conditions

18h05| Elisabete Costa (University of Aveiro, Portugal)

Polar lipids and fatty acids of the seaweed *Grateloupia turururu*: Nutritional and functional perspectives

18h15| Q&A

18h20| Concluding remarks & closing session



Organization

Cristina Barros
Elisabete Costa
Francisca Marques
João Monteiro
Pedro Domingues
Ricardo Calado
Rosário Domingues
Tânia Melo
Núcleo de Estudantes de Química

Free Registration

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Registration deadline: 24th May 2021



NEO



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