

Marine Lipidomics Workshop: Analytical challenges and application strategies

July 5, 14h30 – 18h30

Zoom link.

July 5, 2021 03:00 PM (CET)

Join from PC, Mac, Linux, iOS or Android: [https://videoconf-](https://videoconf-colibri.zoom.us/j/83929682880?pwd=Yitsdk9hM1FmME5SNWNZWJhUjZmdz09)

[colibri.zoom.us/j/83929682880?pwd=Yitsdk9hM1FmME5SNWNZWJhUjZmdz09](https://videoconf-colibri.zoom.us/j/83929682880?pwd=Yitsdk9hM1FmME5SNWNZWJhUjZmdz09)

Password: 426631

5 July 2021	
14:00– 14:30	Welcome Brief presentation of EpilipdNET and Plant &Algae group <i>Rosario Domingues and Juliette Jouhet</i> Q&A
14:30- 16:00	Session 1- Analytical approaches for identifying lipid in marine organism
14:30 – 14:50	Workflow for lipid analysis in marine organisms (extraction, quantification, identification using LC-MS <i>Juliette Jouhet</i>
14:50 – 15: 10	Lipid analyses by TLC/FID, GC/FID and MS <i>C. Parrish</i>
15:10 – 15:20	Colorimetric Method <i>Elisabete Costa</i>
15:20 – 15:45	Pitches Other methods: FTIR, Antibodies, others
15:45 – 16:00	Q&A and discussion
16:00-16:30	Coffee Break
Session 2	
16:30 – 18:00	Session 2- Lipidomics for marine organism – case studies
16:30 – 16:40	Algae lipidomics <i>Rosario Domingues</i>
16:40– 16:50	Marine invertebrates lipidomics <i>Felisa Rey</i>
16:50 – 17:05	Sterol lipidomics <i>Hubert Schaller</i>
17:05– 17:30	Pitches Other marine organisms
17:30 – 18:00	Q&A and discussion
18:00 – 18:15	Concluding remarks and future plans