

## EnhanceMicroAlgae La Rochelle 2022 Workshop

**Latest developments in microalgae science, start-up creation, industrialization and experience sharing to overcome gaps and barriers to innovation and markets**

<b>Date</b>	<b>20/10/2022</b>
<b>Time</b>	<b>9h30-17h30 (French hour) + evening</b>
<b>Place</b>	<b>Espace Encan Palais des congrès Hall Atalante, La Rochelle, Fr</b>

### AGENDA

TIME	ACTIVITY	Partner
<b>Welcome session and overview of the EnhanceMicroalgae Project</b>		
9h30	<b>Welcome of participants Acknowledgements (participants/organizers)</b>	<b>Laurent PICOT Armelle COMBAUD Valérie BALLU</b>  <b>La Rochelle University UMR CNRS 7266 LIENSs, FR</b>
9h40	<b>Presentation of the workshop and participants</b>	<b>Laurent PICOT La Rochelle University UMR CNRS 7266 LIENSs, FR</b>
9h50	<b>EnhanceMicroalgae project overview : objectives, partners, outcomes of the first period and extension</b>	<b>Maria-José CHAPELA ANFACO-CECOPESCA, SP</b>
<b>Session 1 Industrialization of microalgae</b>		
10h10	<b>An update of the Algae ecosystem in Europe. Production, research and business</b>	<b>Jean-Paul CADORET President of the European Algae Biomass Association EABA, EU, FR and Vitor VERDELHO, Vice- President of the EABA, EU, PT</b>
10h30	<b>An overview of marine microalgae production systems for aquaculture</b>	<b>Pedro SEIXAS Aqualgae, SP</b>
<b>10h50 Coffee Break 20 mn</b>		
11h10	<b>Industrialization of microalgae, the example of <i>Galderia</i> for the production of phycocyanin and DHA</b>	<b>Olivier CAGNAC Fermentalg, FR</b>

11h30	Commercial barriers in the microalgae industry and how Luxbiotech has managed to overcome them.	Eloy CHAPULI Global Bioactives, SP, LUXBIOTECH, SP
11h50	Potential use of microalgae for the preparation of cosmetic products	Giancarlo TONON, Prigen, SP and IT
12h10	Switch from tedious microalgae culture into high cell density and reliable automatized production	Hugo VUILLEMIN, Synoxis Algae, FR
12h30	Presentation of the Algae4IBD European Programme	Dorit Avni, MIGAL, Israël.
<b>12h50 Lunch on site + coffee (1h10)</b>		
<b>Session 2 « Latest developments in microalgae science and transfer to industry »</b>		
14h00	The <i>Skeletonema marinoi</i> diatom, a promising source of actives for antibacterial photodynamic therapy in dermocosmetics	Jean-Baptiste BERARD IFREMER Laboratory PHYSALG Nantes, France.
14h20	Extraction and purification of metabolites from microalgae: some insights in choice and ecodesign of processes	Luc MARCHAL Nantes University Laboratory GEPEA CNRS UMR CNRS 6144
14h40	Production of collagen and hyaluronic acid by human dermal fibroblasts stimulated by EPS from microalgae: some structural aspects	Nicolas BRIDIAU La Rochelle University UMR CNRS 7266 LIENSs
15h00	Disruptive technologies for processing of microalgae biomass.	Brijesh TIWARI, TEAGASC Food Research Centre and University College Dublin
15h20	Ultrasound-assisted processing strategies for the generation of protein from <i>Chlorella vulgaris</i>	Marco Garcia VAQUERO, University College Dublin - TEAGASC
15h40	Microalgae biotechnology research at the Stazione Zoologica Anton Dohrn	Giovanna ROMANO, Anton Dohrn Zoological Station, Napoli.

<b>16h30</b>	<b>The future role of the Kingdom of Saudi Arabia in Algae production</b>	<b>Claudio FUENTES-GRUNEWALD, King Abdullah University of Science and Technology, Saudi Arabia</b>
<b>15h50</b>	<b>Microalgae-based bioprocesses and bioproducts</b>	<b>Asterio SANCHEZ MIRON, Almeria University, Spain.</b>

**Coffee break 20 mn**

**Session 3 « Fostering Microalgae interest in European students and knowledge in general public»**

<b>16h10</b>	<b>Studying microalgae biotechnology in the European Atlantic Area : feedback from a French master student internship abroad</b>	<b>Jonathan IZAMBART, La Rochelle University, Fr</b>
<b>16h30</b>	<b>Communication about the INTERREG EnhanceMicroalgae project towards stakeholders and general public</b>	<b>Konstantinos THEODOROPOULOS, Manchester University, UK</b>

**Networking session 17h-17h30**

**Closing of the Workshop 17h30**

**Aperitif 19h**

**Dinner 20h**