

 

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.

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

**AGENDA**

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| TIME | ACTIVITY | Partner |
| Welcome session and overview of the EnhanceMicroalgae Project |
| 9h30 | **Welcome of participants****Acknowledgements (participants/organizers)** | **Laurent PICOT****Armelle COMBAUD****Valérie BALLU****La Rochelle University UMR CNRS 7266 LIENSs, FR** |
| 9h40 | **Presentation of the workshop and participants** | **Laurent PICOT****La Rochelle University UMR CNRS 7266 LIENSs, FR** |
| 9h50 | **EnhanceMicroalgae project overview : objectives, partners, outcomes of the first period and extension** | **Maria-José CHAPELA****ANFACO-CECOPESCA, SP** |
| Session 1 Industrialization of microalgae |
| 10h10 | **An update of the Algae ecosystem in Europe. Production, research and business** | **Jean-Paul CADORET****President of the European Algae Biomass Association EABA, EU, FR and Vitor VERDELHO, Vice- President of the EABA, EU, PT** |
| 10h30 | **An overview of marine microalgae production systems for aquaculture** | **Pedro SEIXAS****Aqualgae, SP** |
| 10h50 Coffee Break 20 mn |
| 11h10 | **Industrialization of microalgae, the example of *Galderia* for the production of phycocyanin and DHA** | **Olivier CAGNAC****Fermentalg, FR** |
| 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.** |
| 12h50 Lunch on site + coffee (1h10) |
| Session 2 « Latest developments in microalgae science and transfer to industry » |
| 14h00 | **The *Skeletonema marinoi* 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 *Chlorella vulgaris*** | **Marco Garcia VAQUERO, University College Dublin -TEAGASC** |
| 15h40 | **Microalgae biotechnology research at the Stazione Zoologica Anton Dohrn** | **Giovanna ROMANO, Anton Dohrn Zoological Station, Napoli.**  |
| 16h30 | **The future role of the Kingdom of Saudi Arabia in Algae production** | **Claudio FUENTES-GRUNEWALD, King Abdullah University of Science and Technology, Saudi Arabia** |
| 15h50 | **Microalgae-based bioprocesses and bioproducts** | **Asterio SANCHEZ MIRON, Almeria University, Spain.** |
| Coffee break 20 mn |
| Session 3 « Fostering Microalgae interest in European students and knowledge in general public» |
| 16h10 | **Studying microalgae biotechnology in the European Atlantic Area: feedback from a French master student internship abroad** | **Jonathan IZAMBART, La Rochelle University, Fr** |
| 16h30 | **Communication about the INTERREG EnhanceMicroalgae project towards stakeholders and general public**  | **Konstantinos THEODOROPOULOS, Manchester University, UK** |
| Networking session 17h-17h30 |
| Closing of the Workshop 17h30 |
| Aperitif 19h |
| Dinner 20h |
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List of participants and contacts (34)

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