

Newsletter

Issue 14, November 2020



ENHANCE MICROALGAE

High-added value industrial
opportunities for microalgae in the
Atlantic Area



European Regional Development Fund

EUROPEAN UNION



EnhanceMicroAlgae Annual Meeting

On November 3, 2020, an online annual [EnhanceMicroAlgae](#) coordination meeting was held instead of the usual face-to-face, due to COVID-19 restrictions. During the meeting the partners presented the work carried out in the scope of the different work packages since the last meeting in September 2019. Actions and foreseen calendar for the following months were also discussed.



In addition, the meeting featured the participation of Dr Belén Martín, the coordinator of the [EBB project](#), also financed by Interreg Atlantic Area, who gave a brief presentation about the EBB's goals highlighting the main points in common with EnhanceMicroAlgae.



EnhanceMicroAlgae Publications

- **LATEST:** Light quality triggers biochemical modulation of *Cyanobium* sp.—photobiology as tool for biotechnological optimization, published in *Journal of Applied Phycology*. Read [here](#).
- **LATEST:** Bioactive potential of *Cyanobium* sp. pigment-rich extracts, published in *Journal of Applied Phycology*. Read [here](#).
- **LATEST:** Updated UPLC DAD MS/MS pigment composition of *Tisochrysis lutea* and purification of fucoxanthin using centrifugal partition chromatography for the chemosensitization of melanoma cells, published in *Algal Research*. Read [here](#).
- **Models of microalgal cultivation for added-value products - A review**, published in *Biotechnology Advances*. Read [here](#).
- **3D Printed functional cookies fortified with *Arthorspira platensis*: Evaluation of its antioxidant potential and physical-chemical characterization**, published in *Food Hydrocolloids*. Read [here](#).
- **Printability, microstructure, and flow dynamics of phase-separated edible 3D inks**, published in *Food Hydrocolloids*. Read [here](#).
- **Analysis of scientific research driving microalgae market opportunities in Europe**, published in *Marine Drugs*. Read [here](#).
- **A Bibliometric Analysis of Microalgae Research in the World, Europe, and the European Atlantic Area**, published in *Marine Drugs*. Read [here](#).
- **The Nagoya Protocol and Its Implications on the EU Atlantic Area Countries**, published in the *Journal of Marine Science and Engineering*. Read [here](#).
- **Microalgae carotenoids induce apoptosis and chemosensitization of human melanoma cells to vemurafenib and dacarbazine**, published in the *Global Journal of Biology, Agriculture & Health Sciences*. Read [here](#).

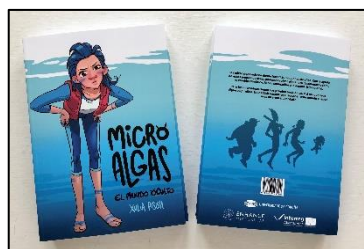
Find more interesting publications from [EMA partners](#) by visiting our [website](#).



EnhanceMicroAlgae Comic Book

The **EnhanceMicroAlgae** comic book, created by Xulia Pison, can be now [downloaded here](#).

Immerse yourself in the exciting world of microalgae through its illustrations!



EnhanceMicroAlgae Virtual Tools

The **EMA database of stakeholders** is an easily accessible, visual, and open access database bringing together all the European Atlantic Area players working in the microalgae sector. The database is part of EMA's [WP4](#), led by [Université de La Rochelle](#).

[Visit our Database](#)



The **EMA virtual Marketplace** is an online platform for the exchange of interests, knowledge, and offers and demands on microalgae-related services. This platform is part of EMA's [WP8](#), and is developed by the EMA coordinators, [ANFACO-CECOPESCA](#).

[Visit our MarketPlace](#)



Upcoming Conferences & Workshops

A calendar of courses and conferences of interest to the microalgae community is now available in the [EnhanceMicroAlgae](#) website.

- [10th International Conference on Algal Biomass, Biofuels and Bioproducts](#) | December 7-9, 2020 | Pittsburgh, USA
- [AlgaEurope 2020](#) | 1 - 3 December, 2020 | Rome, Italy
- [AquaFarm 5th Edition \(International Conference & Tradeshow on Aquaculture, Algaculture and Fishing Industry\)](#) | 17-18 February, 2021 | Venice Area, Italy
- [12th International Phycological Congress IPC2021](#) | 21-26 March, 2021 | Puerto Varas, Chile (Virtual)
- [Creating prosperity through sustainable use of the oceans](#) | 20 – 21 April, 2021 | Hack4Oceans
- [10th European Algae Industry Summit](#) | 21 – 22 April, 2021 | Reykjavík - Iceland
- [Chlamy Meeting 2020](#) | 18 – 23 May, 2021 | Six-Fours-les-Plages (France)
- [7th Conference of the International Society for Applied Phycology \(ISAP\)](#) | May 23-28, 2021 | Makuhari Messe, Chiba, Japan
- [10th International Conference on Algal Biomass, Biofuels and Bioproducts \(AlgalBBB 2021\)](#) | 14 – 16 June, 2021 | Big Island, Hawaii

Workshops

Upcoming events for 2021 will be announced soon. Stay tuned!

Sign-up to this Newsletter on the [EMA website](#), and remember to connect with us on social media to keep track of the latest project updates:



[Click this link](#) to read out past Newsletters.