

Newsletter

Issue 13, September 2020



ENHANCE MICROALGAE

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



ENHANCE
MICROALGAE



Interreg
Atlantic Area
European Regional Development Fund



EUROPEAN UNION



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Hijos de Rivera S.A.

Passion for beer since 1906

[Hijos de Rivera](#), S.A. (Estrella Galicia) is a strong and successful brewery company located in A Coruna, Galicia, Spain. The brewery has a long history dating back to 1906, when it was founded by [José María Rivera Corral](#). Since then, 5 generations of the Rivera family have remained in the beer industry.



The [beer production](#) process by Estrella Galicia is carried out meticulously, and extreme care is taken to ensure that the raw materials (water, cereal, yeast, hops) are of the highest quality. The Estrella Galicia lager was named the “most loved” brand by Spanish consumers.



Hijos de Rivera, as an Associated Partner of the [EnhanceMicroAlgae](#) project, are exploring the incorporation of microalgae in its product. Given the significant market impact of the company, this represents a great asset and visibility for microalgae uses and applications within the food sector. We will share the latest developments and outcomes of this project, so stay tuned and subscribe to our pages!

EnhanceMicroAlgae Publications

- **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](#).
- **LATEST:** 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](#).
- Enhancing the Food value of microalgae, by Teagasc. Read [here](#).
- Bibliometric report: Most studied microalgae in Europe by University of La Rochelle. Read [here](#).
- EnhanceMicroAlgae: An European Interregional Project Stimulating Research, Innovation, Industrial Development and Transnational Cooperation within the Atlantic Area Microalgae Sector, published in the *Journal of Oceanography and Marine Research*. Read [here](#).



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 European Algae Industry Summit](#) | October 20-21, 2020 | Reykjavik, Iceland
- [Discovery, development and production of high value bio-based products](#) | 20 -21 October, 2020 | High Value Biorenewables
- [2nd US Microalgae Industry Summit](#) | 10 – 11 November, 2020 | Orlando, Florida, USA
- [Euglena International Network \(EIN\) – Inaugural Meeting](#) (Online) | 9-10 November, 2020 | EIN (Virtual)

- [International Conference on Cyanobacteria Research](#) | 12 – 13 November, 2020 | Venice, Italy
- [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 \(International Conference & Tradeshow on Aquaculture, Algalculture and Fishing Industry\)](#) | 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
- [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

Workshops

- [Contribution of Sustainable Biomass and bioenergy in Industry Transitions towards a circular economy](#) | 19 – 20 October, 2020 (Online event) | IEA Bioenergy
- [Algal Biotechnology 2020 – Techniques and Opportunities for the Sustainable Economy](#) | 19 - 20 November, 2020 (Online event) | EIT Food
- [EABA Workshops 2020](#)
 - Technical Webinars:
 - Algae Biofertilizer and Biostimulants | 7 October
 - Atlantic Sargassum Belt | 4 November

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.