

# Newsletter

Issue 3, October 2019



## ENHANCE MICROALGAE

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



ENHANCE  
MICROALGAE



Interreg  
Atlantic Area  
European Regional Development Fund



EUROPEAN UNION



## EnhanceMicroAlgae participation in Conferences and Workshops

The EnhanceMicroAlgae (EMA) team at [Université de La Rochelle](#) participated in the **9<sup>th</sup> European Algae Industry Summit** (10-11 April, 2019 – Lisbon, Portugal) & the **7<sup>th</sup> International School on Natural Products** (25-27 April, 2019 – Agadir, Morocco), where Dr. Judith RUMIN and Dr. Laurent Picot disseminated the EMA project as well as their research outputs in talks titled: *The Interreg EnhanceMicroAlgae project: an overview of microalgae research and industrial opportunities in the European Atlantic area in 2019*, and *Microalgae pigments and metabolites as promising anticancer drugs and chemosensitizers*.



Dr. Judith RUMIN



Dr. Laurent Picot

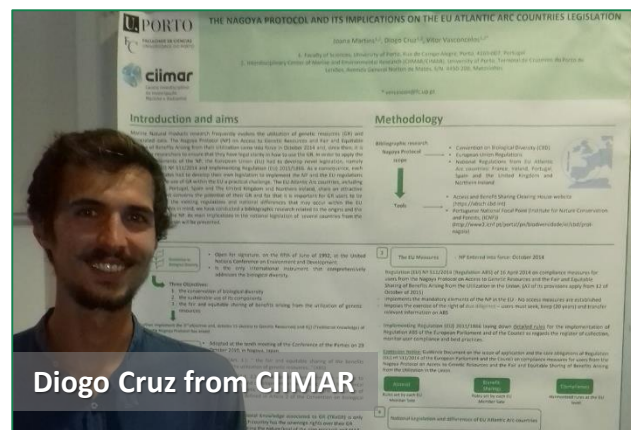
The identification of gaps and technical barriers, and opportunities of the microalgae sector is part of EMA's [Work Package 4](#), led by Université de La Rochelle. See part of WP4 outputs [here](#).



The EMA team from FCUP/[CIIMAR](#) participated in the **XVI International Symposium on Marine Natural Products** | XI European Conference on

**Marine Natural Products** (1-5 September 2019 – Peniche, Portugal).

During the *Drug Discovery and Development* poster session, Diogo Cruz presented the implications of the Nagoya Protocol in the EU Atlantic countries. The Nagoya Protocol came into force in October 2014, and determines the access to genetic resources and fair and equitable sharing of benefits arising from their utilization.



Diogo Cruz from CIIMAR

Environmental surveillance of microalgae usage in food and feed to accelerate EU decisions and legislation uniformity is part of EMA's [Work Package 6](#), led by FCUP/CIIMAR.



On September 26<sup>th</sup>, 2019, the Centro Tecnológico del Mar (Technology Centre of the Sea, [CETMAR](#)), Vigo, Spain, organised an interactive workshop '**Macro- and microalgae as source of bioproducts and nutritional ingredients in aquaculture**'. EMA representatives from FCUP/CIIMAR attended the workshop, which brought together research institutes and companies from the aquaculture sector to discuss about the latest research developments to promote the use of macro and microalgae as fish feed of high nutritional value.





# ENHANCE MICROALGAE

## 1st Edition of SCIENCEPRENEURS

An event for transforming knowledge into economic value.

On September 12th, 2019, the [International Iberian Nanotechnology Laboratory](#) (INL) invited several teams focused on developing innovative technologies to solve global grand challenges. Eight science-based Startups presented groundbreaking solutions to investors and evaluators at the [Sciencepreneurs](#) day, showcasing creative applications of Key Enabling Technologies, including advanced computational tools to optimise the isolation of high added-value compounds from microalgae.



The INL leads EMA's [Work Package 3](#), aiming to foster the transfer of knowledge among partner and stakeholders and promote entrepreneurial activities by supporting the creation of spin-offs and start-up programs.

To read more about the Sciencepreneurs event, [follow the link](#) to our website.



## EnhanceMicroAlgae at CIIMAR Dia do Porto de Leixões Open Day.

The EMA team at [CIIMAR](#) took part in the 11<sup>th</sup> edition of *Dia do Porto de Leixões*, celebrated on September 21<sup>st</sup>, 2019. During the event, the Leixões cruise terminal and CIIMAR opened their

doors to the public to showcase their research through multiple interactive activities and guided tours. EMA project members were present at the event to engage with the public. They displayed a scenery wall with a short rhyme about microalgae, encouraging youngsters to use their creativity to complete it.



The characters of the EMA comic book [Microalgae – The Hidden World](#) by Xulia Pisón made an appearance in a poster to promote the book and help explain microalgae to a wider audience. Find more details and links about the event [in EMA's official website](#).

## Future Conferences & workshops

[AlgaEurope](#) | 03-05 December, 2019 | Paris, France  
[28th European Biomass Conference & Exhibition – Transition to a Bioeconomy](#) | 27-30 April, 2020 | Marseille, France  
[10th European Algae Industry Summit](#) | 29-30 April, 2020 | Reykjavik, Iceland  
[10th International Conference on Algal Biomass, Biofuels and Bioproducts](#) | 14-17 June, 2020 | Pittsburgh, USA  
[International Conference on Algal Biotechnology](#) | 22-23 June, 2020 | Venice, Italy  
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[Spirulina Workshop](#) | 13-14 November 2019 | Montpellier, France | European Algae Biomass Association, EABA  
[Algal biotechnology techniques and opportunities for the sustainable bioeconomy](#) | 13-13 November 2019 | Stuttgart, Germany | Fraunhofer Institute for Interfacial Engineering and Biotechnology.  
[3rd. Lisbon Microalgae Biotechnology Advanced Course](#) | 17-22 November 2019 | Póvoa de Santa Iria, Portugal | Algae 4 Future.

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