



algae4a-b

PUBLIC DISSEMINATION EVENT

El Pto Sta Maria, Spain - 3rd October 2019

Schedule

9:00-9:15	Introduction to project objectives and main outcomes <u>L. Mantecón (FITMAR)</u>
9:15-9:45	WP1. Effects of light wavelength on microalgae features: the case of Nannochloropsis <u>C. Infante (FITMAR)</u>
9:45-10:15	WP2. Pseudo-albinism in sole (<i>Solea senegalensis</i>): the role of the transcriptome and microbiome. <u>P. Pinto (CCMAR)</u>
10:15-10:45	WP3. Characterization of a new microalgae extract with anti-inflammatory activity in human skin. <u>I. Guerrero-Cózar (IFAPA)</u>
10:45-11:15	WP3. Comparative in vitro models for cosmeceutical testing: the utility of fish cell lines. <u>J. Cardoso (CCMAR)</u>
11:15-11:45	Breakfast break
11:45-12:15	WP4. Hatching enzymes: A bridge between aquaculture and cosmetics. <u>M. Manchado (IFAPA)</u>
12:15-12:45	WP5. Development of immune competence in sole (<i>Solea senegalensis</i>) and microalgae as a modulatory factor. D.M. Power (CCMAR)
12:45-13:15	WP5. Microalgal extracts as epigenetic regulators of fish plasticity. <u>Carlos Carballo (IFAPA)</u>
13:15-13:45	WP6. Formulation of microalgae extracts into innovative cosmetic formulations. <u>K. Gardikis (APIVITA)</u>
13:45-14:00	Closing remarks

Fill the form in the following link: [Inscription form](#)

El Puerto Santa Maria, Spain - 3rd October 2019

Meeting organisation

Dr. Manuel Manchado – IFAPA
manuel.manchado@juntadeandalucia.es

Workshop venues

Centro IFAPA El Toruño

Registrations will be prioritized until completion of room (40 persons max)

Consortium



Project Coordinator
CNRS, CERMAV
France



Fitoplancton Marino, S.L.
Spain



Agricultural University Of
Athens
Greece



Instituto Andaluz De
Investigacion y Formacion
Agraria Pesquera
Alimentaria
Spain



Apivita SA
Greece



Centro De Ciencias Do
Mar Do Algarve
Portugal



Lifesequencing, SL
Spain

The project

Microalgae were always an exciting target for Aquaculture, Cosmetology and Biotechnology, as they represent a largely untapped reservoir of novel and valuable bioactive compounds.

The ALGAE4A-B (Algae For Aquaculture and Beauty) project seeks to exploit microalgae diversity, as a source for state-of-the-art high-added-value biomolecules in aquaculture and cosmetics.

ALGAE4A-B aspires to foster both European capacity building and the strategic objectives of EU Blue Growth and Marine Biotechnology to harness the untapped potential of European seas and coasts for training and sustainable growth.

Microalgae Biomass Production

The diversification of microalgae biomass production towards two independent applications will give the microalgae industry access to alternative markets in an uncertain, highly competitive and fast changing commercial environment.

Basic and applied research

The project will combine both basic and applied multidisciplinary research in the fields of –omics technologies, biochemistry and applied biotechnology in order to:

- Develop and optimize low-input and application-based microalgae culture systems
- Develop “-omic” resources for both microalgae and fishes
- Develop downstream processing of high added value products from microalgae, with an emphasis on polysaccharides, proteins, enzymes and antioxidants
- Develop, formulate and evaluate in vitro a new range of cosmetic and nutraceutical products for aquaculture

Key figures

972 000 € EC funding
7 partners
4 years (2016-2019)

More information on www.algae4ab.eu



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