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 **GENIALG**
Newsletter
NOVEMBER 2020 | ISSUE 3



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Coordinator's welcome



A warm welcome to the third issue of the **GENIALG** Newsletter!

In case you missed the previous issues of our project newsletter you can find them [here](#). We have achieved a lot in the last three years and are now finishing the fourth and final year of the project. This year has been a challenge for us all due to the Covid-19 pandemic. The way we all usually communicate and work with each other had to change dramatically. As a result of the various restrictions imposed around Europe, much of our research has unfortunately suffered

delays. However, I would like to take this opportunity to inform you of some good news, **GENIALG** has been permitted a six-month extension to overcome these delays! We are very pleased that the project will now continue until June 2021.

Due to Covid-19 restrictions we were also forced to postpone and transform our final conference into a virtual one. All **GENIALG** major outputs and ongoing work will be showcased during this one-day international event, **GENIALG Final Conference: Seaweed for the Future – scaling-up the European sector**, on **30 November 2020**. This is a free event and open to all interested participants, check out our very exciting [Programme](#) here. During the event, **GENIALG** demonstrators will showcase the large-scale cultivation and biorefining of *Saccharina* and *Ulva*, to the scientific community, policymakers, industry stakeholders and the public. We will also be providing insight into European seaweed companies as well as a special seasonal seaweed cookery demonstration by Irish seaweed expert, Prannie Rhatigan, so there's no excuses not to include a tasty seaweed dish in your Christmas dinner this

year! Please [register to attend here](#) before Sunday 29 November 2020.

Stay up to date on all of the latest project news through the GENIALG [website](#), [Twitter](#), and [Facebook](#), keeping you informed on all the latest on seaweed biorefineries, cultivation, genetics and metabolomics!

Dr Philippe Potin, GENIALG coordinator and Research Director, Station Biologique de Roscoff (CNRS), France



GENIALG news and events

To read all the latest news from the GENIALG project, [click here](#) and select 'news' from the filter options.



On 30 November 2020, GENIALG will host an international, one-day, open-door, final conference. Due to COVID-19 restrictions, this conference has been adapted to an online event with FREE registration!

GENIALG is carrying out extensive research on all aspects of seaweed to support the development of the seaweed sector, aiming for a sustainable utilisation and processing of seaweed into high value compounds.

Free registration



Seaweed extract found to have promising effects in brain cancer treatment

A compound found in brown seaweeds could help to treat one of the most common and aggressive forms of malignant brain tumour. [Read more](#)

GENIALG partners identify natural process to extract chlorophyll from wild and farmed seaweeds

A natural process that successfully extracts chlorophyll from *Ulva* spp. seaweeds has been identified. [Read more](#)

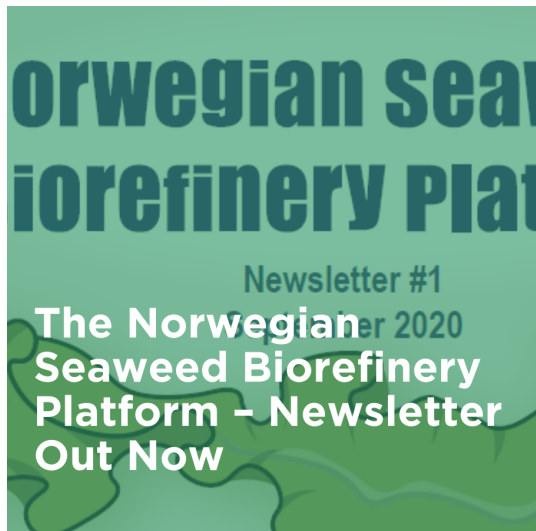
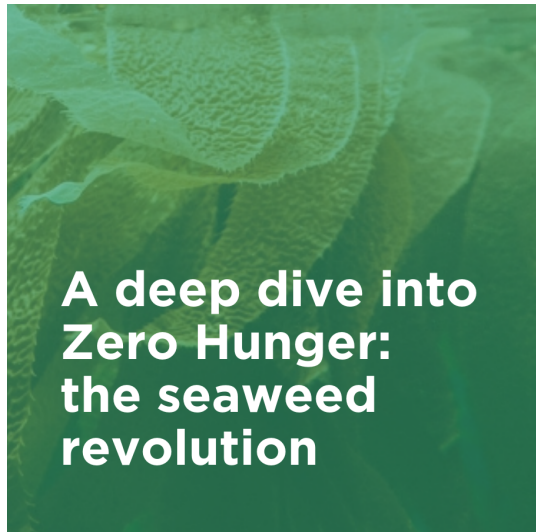


A future for seaweed farming in Europe

Pioneering seaweed companies including GENIALG partners SINTEF and ALGAplus are paving the way for the future of seaweed farming in Europe. [Read more.](#)

Seaweed in the news

To read all the latest on GENIALG's promotion and representation at events, [click here](#) and select 'Project Promotion' from the filter options.





Dates for your diary



GENIALG Final Conference: Seaweed for the Future

30 November 2020 | Online Conference

[Event website](#)

ALGAEUROPE 2020 GOES

ALGAEUROPE

01-04 DECEMBER 20



AlgaEurope 2020

1-4 December 2020 | Online Conference

[Event website](#)



IATiP Aquaculture Brokerage Event

4 December 2020 | Online Event

[Event website](#)



International Phycological Congress

22-26 March 2021 | Online congress, Chile

[Event website](#)



Aquaculture Europe 2021

12-15 April 2021 | Online conference, Ireland

[Event website](#)



2nd edition of the Conference Lipids in the Ocean

5-8 July 2021 | Aveiro, Portugal

[Event website](#)



Publications

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Guzinski, J., Ruggeri, P., Ballenghien, M., Mauger, S., Jacquemin, B., Jollivet, C., Coudret, J., Jaugeon, L., Destombe, C. and Valero, M. (2020). Seascape Genomics of the Sugar Kelp *Saccharina latissima* Along the North Eastern Atlantic Latitudinal Gradient. Preprints, 2020110308. [DOI: 10.20944/preprints202011.0308.v1](https://doi.org/10.20944/preprints202011.0308.v1)

Fort, A., McHale, M., Cascella, K., Potin, P., Usadel, B., Guiry, M. and Sulpice, R. (2020). Foliose *Ulva* species show considerable inter-specific genetic diversity, low intra-specific genetic variation, and the rare occurrence of inter-specific hybrids in the wild. *Journal of Phycology*. [DOI: 10.1111/jpy.13079](https://doi.org/10.1111/jpy.13079)

Pruteanu, L., Kopanitsa, L., Módos, D., Kletnieks, E., Samarova, E., Bender, A., Gomez, L. and Bailey, D. (2020). Transcriptomics predicts compound synergy in drug and natural product treated glioblastoma cells. *PLOS ONE*, 15(9), p.e0239551. [DOI: 10.1371/journal.pone.0239551](https://doi.org/10.1371/journal.pone.0239551)

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Da Costa, E; Ricardo, F; Melo, T; Mamede, R; Abreu, Maria H.; Domingues, P; Domingues, M. Rosário; and Calado, R. (2020). Site-Specific lipidomic signatures of sea lettuce (*Ulva* spp., Chlorophyta) hold the potential to trace their geographic origin, *Biomolecules* 10, 489. [DOI: 10.3390/biom10030489](https://doi.org/10.3390/biom10030489) | [Repository Link](#)

Monteiro, J.P, Rey, F., Melo, T., Moreira, A., Arbona, J-F., Skjermo, J., Forbord, S., Funderud, J., Raposo, D., Kerrison, P., Perrineau, M-M., Gachon, C., Domingues, P., Calado R. and Domingues, M. R. (2020). The Unique Lipidomic Signatures of *Saccharina latissima* Can Be Used to Pinpoint Their Geographic Origin. *Biomolecules*, 10(1), p.107. [DOI: 10.3390/biom10010107](https://doi.org/10.3390/biom10010107) | [Repository Link](#)



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