



## Newsletter No. 3

This is the third issue of the FucoSan project newsletter. FucoSan is a three-year German-Danish project funded by the Interreg Deutschland-Danmark Programme. This newsletter will be issued six times during the funding period to keep you up-to-date with the latest project news and information.

### Young scientists exchanging experiences



20.07.2018 - In order to effectively achieve the common goal of a successful Fucoidan characterisation, four PhD students of the project partners Kiel University and University Medical Centre Schleswig-Holstein met in Kiel on the 19th of July in 2018.

The young scientists exchanged experiences, discussed the scientific problem and coordinated their further work processes. The first meeting is being followed by a regular exchange every two months.

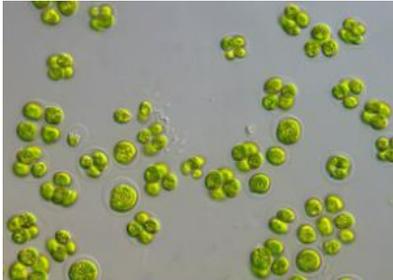
### More than just a plant from the sea – algae for medicine and cosmetics



06.09.2018 - Thinking about algae – what springs to your mind? A vague memory of the latest Baltic Sea vacation or the last time you visited a sushi restaurant, which has already been too long ago? The widespread sea plant offers more than most people know. Read the complete article within the Interreg Newsletter.



## Microalgae for feed, food and other uses



07.09.2018 - Research is still on the trail of the various applications of microalgae: Professor Søren Laurentius Nielsen from Roskilde University in Denmark was invited by the FucoSan partners to Kiel to present his research results on the production and use of microalgae biomass. In a recently completed project, Professor Nielsen has worked on improving and industrialising the production of live fish feed based

on small crustaceans. He has reconstructed a natural food chain from microalgae to crustaceans to fish in a controlled environment on an industrial scale. Professor Nielsen is a member of the project advisory board of FucoSan. The project partners invited him to the lecture in order to gain insights for their work. Project coordinator Professor Dr. Alexa Klettner: 'With Professor Nielsen, we have brought a top-class expert to Kiel. The components of microalgae can be very interesting for a variety of applications, including health.'

## The Evolution of Ecosystems for Converging Technologies



04.10.2018 - How do application fields emerge from laboratory research? How do this application fields shape technology commercialisation opportunities? And what are the key actors when it comes to bringing new technologies and solutions out of the lab to be deployed? FucoSan project partner Daniel Laufs from the Institute of Technology Management at the Kiel University set out his approach

to answer these questions at the International Conference on Engineering 2018 in Stuttgart, Germany. On the basis of the project FucoSan, Daniel Laufs pointed out the opportunities of strengthening genuine innovation ecological systems by reflecting the ties of converging technologies. His approach is based on the linking of field research, network- and patent analysis. Completely new scopes and marketing options in the medical sector could be exploited for FucoSan. For this purpose mediators are needed to play a major role during the transfer of new technologies from the status of basic research to their application orientated development to the final state of application and practice. The conference presentation is followed by a specialist publication.



## Business game at SDU Sønderborg with students



18.10.2018 - At the SDU Sønderborg, engineering students took part in a business game, organised by Ferran Giones, Assistant Professor for Technology Entrepreneurship at the SDU. The students were in the role of a new project manager of FucoSan. Their task was to search for existing patents with fucoidans and then to map an innovation ecosystem around the FucoSan technologies and their various

applications. In the end, the 'managers' were asked to present the results of their research and answer the question: 'Does it seem like a promising market to you?'

## FucoSan on Tour

13/11/2018: Enterprise Europe Network IB.SH in Kiel, Germany

9-11/10/2018: Week of Health and INNOvation in Odense, Denmark

22-24/08/2018: Blue Biotechnology in Baltic Sea Region in Greifswald, Germany

### Project Facts

- 8 partner organisations
- 8 network partners
- Duration: Mar 2017 – Feb 2020
- Budget: 3.8 m Euro, thereof 2.2 m Euro funding
- Lead partner: University Medical Centre Schleswig-Holstein, Campus Kiel
- Supported by the European Regional Development Fund  
more: [www.interreg5a.eu](http://www.interreg5a.eu)

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