

BALTIC BLUE BIOTECHNOLOGY ALLIANCE
INTERNATIONAL CONFERENCE

22 – 24 AUGUST 2018 IN GREIFSWALD

BLUE BIOTECHNOLOGY IN THE BALTIC SEA REGION

From Science to Business

CONFERENCE PROGRAMME

The Baltic Blue Biotechnology Alliance matches its users to the services, facilities and experts they need to take their product idea to the next level

Blue biotechnology is a sector that has great potential as Europe moves towards a biobased economy. It can be tapped for products such as new drugs, biofuels, food and supplements. It also promises to play a key role in the development of ecosystem services related to clean water. This potential is impressive but – to date – remains largely untapped, realisation is still in its infancy.

The "Baltic Blue Biotechnology Alliance" project is implemented within the EU INTERREG framework for the Baltic Sea Region (BSR). The objective of the project is to create a comprehensive offer of the BSR in the area of blue biotechnology and to increase the number of blue biotechnology enterprises.



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FUND

FROM SCIENCE TO BUSINESS

One great difficulty in getting blue biotech products market ready is that not each and every BSR country, considered by itself, can provide all the resources and expertise necessary to complete the journey from idea to finished product. The Baltic Blue Biotechnology Alliance aims to bridge this gap by developing and implementing optimal transnational product development chains. These will enable efficient use of and comprehensive access to the whole variety of facilities, (bio-)resources and expertises available within the region and beyond, therefore pooling national capabilities.

The international conference represents a step forward in the implementation of the BLUE GROWTH strategy of the European Union. Newest results in basic and applied science and successful results of economic implementation will be showcased.

Conference Topics

- Industrial application of marine organisms
- Marine biomass production
- Bioactive compounds
- Marine alliances
- Business development and legal aspects

CONFERENCE PROGRAMME

Wednesday, August 22, 2018

CONFERENCE OPENING

14:00 – 17:30

Arrival, mounting of posters

Workshops for the mentors

17:30 – 18:00

Welcome reception

Poster session 1

EVENING LECTURE

18:00 – 19:00

Donnie Lygonis

Royal Institute of Technology in Stockholm

“From great ideas to successful innovation in 45 minutes” (an innovation crash course for the ambitious)

Thursday, August 23, 2018

WELCOME ADDRESSES

09:00 – 09:15

Michael Lüdtke

Head of Communication, BioCon Valley® GmbH

Deniz Tasdemir

GEOMAR Helmholtz Centre for Ocean Research

Angela Schultz-Zehden

SUBMARINER Network for Blue Growth EEIG

CONFERENCE PROGRAMME

Thursday, August 23, 2018 (continued)

SESSION 1: The ALLIANCE and Blue Biotechnology in the Baltic Sea Region

Chair: Deniz Tasdemir

09:20 – 09:40

Angela Schultz-Zehden

SUBMARINER Network for Blue Growth EEIG

SUBMARINER and the ALLIANCE - effective ways to support the Blue Bioeconomy in the Baltic Sea Region

09:40 – 10:00

Fredrik Gröndahl

Royal Institute of Technology in Stockholm

Ecological and economical sustainability of large seaweed cultivation on the Swedish west coast

10:00 – 10:20

Lars Jørgensen

Danish Technological Institute

Blue biomasses as future protein sources?

10:20 – 10:25

Anne-Mari Luhtanen

SYKE Finnish Environment Institute

A quick note about the information that will be gathered during this conference

10:25 - 10:35 Joint discussion

10:35 - 11:05 *Coffee break & matchmaking*

CONFERENCE PROGRAMME

Thursday, August 23, 2018 (continued)

SESSION 2: Industrial application of marine organisms

Chair: Rainer Cramm

11:05 – 11:25

[Jörg Ullmann](#)

Roquette Klötze GmbH & Co. KG

Industrial microalgae production since year 2000:
Potential and limitations

11:25 – 11:45

[Levent Piker](#)

oceanBASIS GmbH

From science to the shelves - looking back to 20
years of Marine Biotechnology, product
development and marketing

11:45 – 11:50

[Janno Joosep](#)

Furcella OÜ

Berrichi - Natural cosmetics with components
from red algae

11:50 – 12:00 Joint discussion

12:00 - 13:00 *Lunch break*

(Greifswald restaurants, on participant's own initiative)

CONFERENCE PROGRAMME

Thursday, August 23, 2018 (continued)

SESSION 3: Bioactive molecules

Chair: Thomas Schweder

13:00 - 13:25

[Alexa Karina Klettner](#)

University Medical Center Kiel

Fucoidan in health and well-being

13:25 - 13:50

[Kaarina Sivonen](#)

University of Helsinki

Genome mining and bioactivity assays as tools to discover cyanobacterial natural products

13:50 - 14:15

[Gurvan Michel](#)

Station Biologique de Roscoff

Discovery of enzymes from marine flavobacteria for the valorization of macroalgae

14:15 - 14:40

[Deniz Tasdemir](#)

GEOMAR Helmholtz Centre for Ocean Research

Marine microbes in biodiscovery: challenges and opportunities

14:40 - 14:50

[Gerold Lukowski](#)

Institute of Marine Biotechnology

Collagen wound dressing against the colonization of multi-resistant pathogens on a base of Maresome© from a micro algae of the Baltic Sea

14:50 - 15:20 *Coffee break & Matchmaking*

CONFERENCE PROGRAMME

Thursday, August 23, 2018 (continued)

SESSION 4: Cultivation and exploitation of marine biomass

Chair: Anne-Mari Luhtanen

15:20 – 15:45

Rüdiger Schulz

University of Kiel

Near-shore cultivation of marine micro- and macroalgae in the Kiel fjord for biotechnological applications

15:45 – 16:10

Hendrik Schubert

University of Rostock

Beach wrack - burden or chance?

16:10 – 16:35

Christian Schulze

University of Greifswald

Microalgae for biofuels - revolution or reverie?

16:35 – 16:45

Colin Ingham

Hoekmine BV

Building colour

16:45 – 16:55

Valmar Kasuk

Vetik OÜ

Hidden treasures of a red seaweed

16:55 - 17:25 *Coffee break & matchmaking*

CONFERENCE PROGRAMME

Thursday, August 23, 2018 (continued)

SESSION 5: Business development and legal aspects

Chair: Efthalia Arvaniti

17:25 – 17.45

Sven Parkel

Tartu Biotechnology Park

Technology evaluation

17:45 – 18.15

Thomas Greiber

German Federal Agency for Nature Conservation

The Nagoya Protocol and its implementation in the EU - what does it mean for biodiscovery?

18:15 – 18.35

Ben Tolley

European patent attorney

Managing your intellectual property

18:35 – 18:45 Joint discussion

18:45 – 19:20 *Break, snacks, poster session 2*

*Joint walk to the restaurant Theatercafé Greifswald
(10 min)*

19:30 – 22:00 *Conference dinner*

CONFERENCE PROGRAMME

Friday, August 24, 2018

SESSION 6: Marine alliances I

Chair: Hilary Jane Lewis Karlson

09:00 – 09:20

[Bjørn Tore Erdal](#)

Nordic Council of Ministers

Nordic cooperation for blue growth

09:20 – 09:40

[Ilaria Nardello](#)

EMBRC-ERIC Headquarters

EMBRC-ERIC: Widening alliances for greater sustainability and societal impact

09:40 – 10:00

[Joana Moreira-Silva](#)

BLUEBIO ALLIANCE

BLUEBIO ALLIANCE - the Portuguese network for marine bioresources and blue biotechnology

10:00 – 10:10 Joint discussion

10:10 - 10:40 *Coffee break & Matchmaking*

SESSION 7: Marine alliances II

Chair: Angela Schultz-Zehden

10:40 – 10:50

[Anne-Mari Luhtanen](#)

SYKE Finnish Environment Institute

Future challenges of blue biotechnology in the Baltic Sea Region

CONFERENCE PROGRAMME

Friday, August 24, 2018 (continued)

10:50 – 11:00

[Martina Blümel](#)

GEOMAR Helmholtz Centre for Ocean Research

The ALLIANCE mentoring program

11:00 - 11:10

[Hilary Jane Lewis Karlson](#)

Danish Technological Institute

The ALLIANCE service offer

11.10 – 11.50 Marine alliances panel discussion

11:50 – 12:00 *Conference closure and farewell*



CONFERENCE VENUE

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