

Micro B3 Final Conference Agenda

2-5 November 2015

Royal Flemish Academy of Belgium for Science and the Arts

Hertogsstraat 1 - 1000 Brussels

<http://microb3.eu/events/meetings/microb3-final-conference-brussels>

Monday 2 November (afternoon only)

<i>Time</i>	<i>Issue</i>	<i>Room</i>
14:00 – 15:00	Registration	Main entrance
15:00 – 15:30	Welcome coffee	Main entrance
15:30 – 16:00	Welcome and Introduction (chair Frank Oliver Glöckner)	Auditorium
16:00 – 18:00	Session: OSD (WP2) and MyOSD (chair Mesude Bicak)	Auditorium
16:00 – 16:20	<i>WP2: Ocean Sampling Day, A Global Mega-Sequencing Campaign</i> , <u>Mesude Bicak</u> (University of Oxford)	
16:20 – 16:30	<i>MyOSD: OSD meets Citizen Science</i> , <u>Julia Schnetzer</u> (Jacobs University)	
16:30 – 17:00	<i>A Decade of Censusing the Microbial Ocean: Lessons Learned and Future Prospects</i> , invited talk by <u>Linda Amaral Zettler</u> (Josephine Bay Paul Center/Brown University Department of Earth) AB member	
17:00 – 17:30	<i>Development of innovative tools for understanding marine biodiversity and assessing good environmental status: monitoring the oceans across multiple ecosystem components</i> , invited talk by <u>Angel Borja</u> (AZTI-Tecnalia), DEVOTES project Coordinator	
17:30 – 18:00	<i>Optimizing and Enhancing the Integrated Atlantic Ocean Observing System: the AtlantOS project</i> , invited talk by <u>Simon Claus</u> (VLIZ), AtlantOS project partner	
18:00 – 18:30	OSD Movie Showcase (chairs Frank Oliver Glöckner, Mesude Bicak)	Auditorium
18:30 - 20:30	Dinner	Marble Room

Tuesday 3 November (morning)

<i>Time</i>	<i>Issue</i>	<i>Room</i>
9:00 – 12:30	<i>WP3, WP4 and WP5 Session: Interoperability across scientific domains and communities</i>	Auditorium
9:00 – 9:10	<i>WP3-5 Continuum, introduction by WP leaders/chairs <u>Dick Schaap</u>, <u>Guy Cochrane</u>, <u>Renzo Kottmann</u></i>	
9:10 – 9:25	<i>SeaDataNet as building block for marine environmental data, <u>Dick M.A. Schaap</u> (MARIS)</i>	
9:25 – 9:40	<i>EurOBIS as building block for biodiversity data, <u>Simon Claus</u> (VLIZ)</i>	
9:40 – 9:55	<i>ENA as building block for genomic data, <u>Guy Cochrane</u> (EMBL-EBI)</i>	
9:55 – 10:10	<i>The M2B3 standards and their legacy, <u>Petra ten Hoopen</u> (EMBL-EBI)</i>	
10:10 – 10:25	<i>Horizontal interoperability between the 3 building blocks + vertical towards MB3-IS, <u>Dick Schaap</u> (MARIS)</i>	
10:25 – 10:40	<i>Tara Oceans Data, <u>Stephane Pesant</u> (University of Bremen)</i>	
10:40 – 10:55	<i>Ocean Sampling Day Data, <u>Julia Schnetzer</u> (Jacobs University)</i>	
10:55 – 11:00	<i>Completion of work programme - closing statement by <u>Guy Cochrane</u></i>	
11:00 – 11:30	Coffee break	Marble Room
11:30 – 11:45	<i>The Micro B3 Information System: Interoperable Bioinformatics and Data Integration for Marine Microbiology, <u>Renzo Kottmann</u> (Max Planck Institute for Marine Microbiology)</i>	
11:45 – 12:00	<i>A brief history of marine metagenomics, <u>Rob Finn</u> (EMBL-EBI)</i>	
12:05 – 12:15	<i>Exploring the functional side of the Ocean Sampling Day metagenomes, <u>Antonio Fernandez-Guerra</u> (University of Oxford)</i>	
12:15 – 12:30	<i>Innovative sampling infrastructure for improved temporal and spatial resolution of microbial biogeochemistry, <u>Ian Salter</u> (AWI)</i>	
12.30 – 13.00	<i>ERA-NET MarineBiotech – future potentials and collaboration between academia and industry, invited talk by <u>Torger Børresen</u> (Innovation Fund Denmark)</i>	Auditorium
13:00 - 14:30	Lunch	Marble Room

Tuesday 3 November (afternoon)



**“Collaboration across Academia, SMEs, and Industry –
Transforming Inventions into Innovations”**
3rd Micro B3 Industry Expert Workshop

Chair: Jörg Peplies CEO at Ribocon GmbH (Bremen, Germany) - Partner of the MicroB3 project

Time	Talk	
14:30 – 14:40	<i>Welcome and Introduction, <u>Jörg Peplies</u> (Ribocon)</i>	
14:40 – 14:55	<i>An Academic Perspective on Collaborating with a Software SME on Bioinformatics Solutions, <u>Renzo Kottmann</u> (Max Planck Institute for Marine Microbiology)</i>	
14:55 – 15:10	<i>IT business and Micro B3 - We did it very good. Can we do it even better?, <u>Aleksandar Pop Ristov</u> (InterWorks):</i>	
15:10 – 15:35	<i>Mobilization of public rRNA gene sequence data: the dbblast system for microbial quality control at Roche, <u>Wolfgang Eder</u> (Roche Diagnostics GmbH)</i>	
15:35 – 16:00	<i>From mind to market: How to develop competitive products by using EU projects enabled collaborations, <u>Jiri Snajdr</u> (Vermicon AG)</i>	
16:00 – 16:30	Coffee break	Marble room
16:30 – 16:55	<i>Sustainably using the ocean's services- tapping the potential of marine living resources by Marine Biotechnology, <u>Levent Piker</u> (oceanBASIS GmbH)</i>	
16:55 – 17:20	<i>The OTARI project "Ostreococcus tauri from Research to Industry": a joint laboratory between academics and a SME, <u>Francois-Yves Bouget</u> (CNRS)</i>	
17:20 – 18:00	Panel discussion	
18:00 – 18:30	Micro B3 Movie Showcase (chair Johanna Wesnigk)	
18:30 – 20:30	Dinner	Marble room

Wednesday 4 November (morning)

<i>Time</i>	<i>Issue</i>	<i>Room</i>
9:00 – 11:00	Session: Biodiversity and community dynamics of marine microbial life (WP6) (chair Frédéric Partensky)	Auditorium
9:00 – 9:20	<i>WP6: Exploring ecosystems biology, Frédéric Partensky</i> (CNRS Roscoff)	
9:20 – 9:50	<i>Assessing global plankton biodiversity patterns with high-throughput sequencing and imaging technologies</i> , invited talk by Colomban de Vargas (Station Biologique de Roscoff), TARA Oceans project	
9:50 – 10:20	<i>OSD metagenome data to model small-scale processes with large-scale implications: carbon-phosphorus cycle</i> , invited talk by Francesca Malfatti (OGS - National Institute of Oceanography and Experimental Geophysics)	
10:20 – 10:40	<i>Mapping the ocean microbiome</i> , Carlos Pedrós-Alió (CSIC)	
10:40 – 11:00	<i>A holistic view of the plankton response to environmental perturbations</i> , <u>Daniele Iudicone</u> (Stazione Zoologica di Napoli)	
11:00 – 11:30	Coffee break	Marble Room
11:30 – 13:00	Session: Training pipeline and stakeholder engagement (WP9) (chair Johanna Wesnigk)	Auditorium
11:30 – 11:50	<i>Capacity building through training and knowledge transfer in environmental bioinformatics, marine biodiversity and biotechnology – an overview for the Micro B3 Project</i> , <u>Johanna Wesnigk</u> (EMPA-Bremen)	
11:50 – 12:05	<i>Micro B3 summer school: from sampling to analyzing microbial diversity & function</i> , <u>Anastasis Oulas</u> (HCMR)	
12:05 – 12:20	<i>Priorities and strategies for marine biocatalyst discovery - training and dissemination</i> , <u>Dick Janssen</u> (University of Gröningen)	
12:20 – 12:45	<i>JPI Oceans: Pilot Actions, Capacity Building and Future Actions</i> , invited talk by Tom Redd (JPI Oceans)	
12:45 – 13:00	<i>Innovative IP models: open research collaboration partnerships in marine biotechnology</i> , <u>Tom Dedeurwaerdere</u> (University of Louvain)	
13:00 - 14:30	Lunch	Marble Room

Wednesday 4 November (afternoon)

<i>Time</i>	<i>Issue</i>	<i>Room</i>
14:30 – 16:00	Session: Bioinformatics tools for the discovery, description, and exploitation of new gene functions (WP7) (chair Dick Janssen)	Auditorium
14:30 – 15:00	<i>Exploring marine genomes for biocatalysts and bioactives.</i> , <u>Dick Janssen</u> (University of Groningen)	
15:00 – 15:15	<i>Exploiting Systems Biology Platforms to develop innovative Bioactives for Therapeutic and Industrial applications</i> , <u>Fergal O’Gara</u> (BIOMERIT)	
15:15 – 15:30	<i>Microbial diversity and enzyme discovery in cultivated and non-cultivated microbiomes from marine environments in Iceland</i> , <u>Viggó Marteinson</u> (MATIS)	
15:30 – 16:00	Coffee break	Marble Room
16:00 – 17:00	Session: Importance of data sharing and open access in environmental research – Micro B3 legal tools, CIESM charter (WP8) (chairs Tom Dedeurwaerdere and Michèle Barbier)	Auditorium
16:00 – 16:20	<i>Global scientific research commons under the Nagoya Protocol: Towards a collaborative economy model for the sharing of basic research assets</i> , <u>Tom Dedeurwaerdere</u> (University of Louvain)	
16:20 – 16:30	<i>The CIESM Charter, for access to knowledge and to prevent the abuses of the ocean global commons</i> , <u>Michèle Barbier</u> (CIESM)	
16:30 – 17:00	<i>The Nagoya Protocol and its implications for environmental research in the EU</i> , invited talk by <u>Chris Lyal</u> (Natural History Museum of London)	
17:00 – 18:00	Take home message – Recommendations and future research needs , <u>Frank Oliver Glöckner</u> (Jacobs University)	Auditorium
18:00 - 20:30	Dinner	Marble Room

Thursday 5 November (morning only)

<i>Time</i>	<i>Issue</i>	<i>Participants</i>
09:00 – 11:00	General Assembly Meeting and debriefing (chair Frank Oliver Glöckner)	GA representatives