

Brussels 2017		Third PHYCOMORPH Working Group Meeting Programme						
Premises of the COST Association, Avenue Louise 149, 1050 Bruxelles, Belgium		Time	SESSION	SPEAKERS	Time	Category ECI= Early Career Investigator STSM: Short-term Scientific Mission Phycomorph	Affiliation	TITLE
		13:00	Registration WG meeting					
		14:00:00-14h15	Opening	B. Charrier & R. Robaina	15min			Welcome & Introduction to Phycomorph
MONDAY 2 October 2017		14:15	WG4. Advancing technical tools Leaders: Christos Katsaros & Rita Araujo	Olivier de Clerck	25min		Univ Ghent, Belgium	Highlights about the <i>Ulva</i> genome sequence
		14h40		Thomas Torode	25min	ECI	Univ Cambridge, U-K	Brown algal cell wall labelling with monoclonal antibodies
		15:05		Noe Fernandez Pozo	25min	ECI	Univ Marburg, Germany	The Chara genome: implications for plant terrestrialization
		15:30		Coffee break	40min			
		16:10		Adeel Nasir	25min	ECI	Univ Erlangen, Germany	RNA interference: a potent tool for studying gene function of genetically non-transformable algae as shown in <i>Euglena gracilis</i>
		16:35	Aude Le Bail	25min	ECI/STSM	Univ Erlangen, Germany	Towards genetic transformation of the brown alga <i>Ectocarpus siliculosus</i> by PEG transformation	
		17:00	Jonas BLOMME	25min	ECI	Univ Ghent, Belgium	Development of CRISPR-Cas9 in the multicellular green algae <i>Ulva mutabilis</i>	
		17:25	Michiel Kwantes	25min	ECI	Univ Jena, Germany	Uncovering the genetic basis of bacteria-induced morphogenesis in <i>Ulva mutabilis</i>	
		17h:50	End of Day 1					
TUESDAY 3 October 2017		09:00	WG1. Fertility Leaders: Juliet Coates & Annette Bruhn	External invited speaker: Gary Caldwell	40min		Univ Newcastle, U-K	<i>Ulva</i> reproduction and commercial applications
		09:40		Pilar Garcia-Jimenez / Rafael Robaina	25min		Univ Gran Canaria, Spain	Hormonal control of fertility in the red alga <i>Grateloupia</i>
		10:05		Laure Mignerot	25min	ECI	Station Biologique Roscoff, France	Genetic and cellular characterization of parthenogenesis in the brown alga <i>Ectocarpus</i>
		10:30		Coffee break	40min			
		11:10		Alexander Ebbing	25min	ECI	NIOZ, Netherlands	Lifecycle controls of kelp
		11:35	Simon Bourdareau	25min	ECI	Station Biologique Roscoff, France,	Ouroboros and Samsara trigger the gametophyte-to-sporophyte transition in the brown alga <i>Ectocarpus</i> sp.	
		12:00	Juliet Coates	15min		Univ Birmingham, U-K	<i>Ulva</i> protein kinases: what we know (and don't know) so far	
		12:15	LUNCH (Sandwiches)					
		14:00	WG2. Reproduction and initiation of the new generation Leaders: Olivier De Clerck & Aschwin Engelen	External invited speaker: Bert De Rybel	40min		VIB, Belgium	Genetic and hormonal control of cell division orientation in <i>Arabidopsis thaliana</i>
		14:40		Kenny Bogaert	25min		Univ Ghent, Belgium	Zygote polarisation in the brown alga <i>Dictyota dichotoma</i> .
		15:05		Marina Linardic	25min	ECI/STSM	Univ Cambridge, U-K	Investigating the role of the cell wall in <i>Dictyota dichotoma</i> embryo patterning
		15:30		Coffee break	40min			
		16:10		Bénédicte Charrer	25min		Station Biologique Roscoff, France	What makes an <i>Ectocarpus</i> sporophyte filament grow? Enlightenment from biophysical modeling and simulation.
		16:35	Mahasweta Saha	25min	ECI/STSM	Univ Essex, U-K	Characterizing and investigating the morphogen role of volatile metabolome of <i>Ulva mutabilis</i> epibacteria	
	17:00	Jessica Knoop	25min	ECI/STSM	Univ Swansea, U-K	Improving the cultivation of early life stages of <i>Porphyra dioica</i> and its use for Integrated Multi-Trophic Aquaculture		
	17h25	End of Day 2						
	19:00	Dinner at "The Quincaillerie" http://www.quincaillerie.be/fr/						
WEDNESDAY 4 October 2017		09:00	WG3. Towards Adult Growth Leaders: Thomas Wichard & Helena Abreu	Kevin Yun	25min	ECI	Univ Durham, U-K	Physical constraints as a driver of cellular proliferation patterns in the bloom-forming green alga <i>Ulva</i> spp.
		09:25		Hervé Rabillé	25min	ECI/STSM	Station Biologique Roscoff, France	Immunolocalisation of actin cytoskeleton in vegetative cells of the brown alga <i>Ectocarpus siliculosus</i>
		09:50		Guorong Zhu	25min	ECI	NIOZ, Netherlands	Effects of co-occurring hydrodynamic and nutrient stresses on morphology and biomechanics of <i>Saccharina latissima</i> .
		10:15		Coffee break	40min			
		10:55		Christophe Viera	25min	ECI	Ghent Univ, Belgium	Developmental and ecological differentiation in cryptic seaweed species
		11:20	Meiron Zollman	25min	ECI/STSM	Tel Aviv Univ, Israel	Nutrient analysis methods for seaweed growth	
		11:45	Ben Shahar	25min	ECI	National Center for Mariculture Eilat, Israel	A dual Periphyton- <i>Ulva</i> biofilter for mariculture effluent	
		12:10	LUNCH (Sandwiches)					
		14:00	Workshop/Preparation Of Seaweed Aquaculture Guidelines	Aleksander Handa	15min		SINTEF, Norway	Relevant projects of industrial seaweed development in Norway – Regulatory and environmental issues
		14:15		Susan Holdt	15min		DTU, Denmark	Macroalgal standardization in EU
		14:30		Bertrand Jacquemin	15min		CEVA, France	Breeding risks in aquaculture
	14:45	Michèle Barbier		15min		EU Ethics expert, France	Ethics in aquaculture	
	15:00	DISCUSSION and identification of the main issues Preparation of the next workshop (including Coffee break when appropriate)						
	17:00	Closure	B. Charrier & R. Robaina	5min			Conclusion and next meeting announcement	
	17:05:00	End of Day 3						