

Third Working Group Meeting COST Action FA1406 " PHYCOMORPH" Programme							
Brussels 2017							
COST Association, Avenue Louise 149, 1050 Bruxelles, Belgium	Time	SESSION	SPEAKERS	Duration	Category ECI= Early Career Investigator STSM: Short- term Scientific Mission Phycomorph	Affiliation	TITLE
MONDAY 2 October 2017	13:00	Registration WG meeting					
	14:00	Opening	B. Charrier & R. Robaina	15 min		Chair & Co-chair COST Action FA1406	Welcome & Introduction to Phycomorph
	14:15	WG4. Advancing technical tools Chairs: Christos Katsaros & Rita Araujo	Olivier de Clerck	25 min		Univ Ghent, Belgium	The <i>Ulva</i> genome: insights in the life of a bloom forming alga
	14:40		Thomas Torode	25 min	ECI	Univ Cambridge, U-K	Brown algal cell wall labelling with monoclonal antibodies
	15:05		Noe Fernandez Pozo	25 min	ECI	Univ Marburg, Germany	The <i>Chara</i> genome: implications for plant terrestrialization
	15:30		Coffee Break	40 min			
	16:10		Adeel Nasir	25 min	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	25 min	ECI/STSM	Univ Erlangen, Germany	Genetic transformation of the brown alga <i>Ectocarpus siliculosus</i> : PEG and electro-transformation	
	17:00	Jonas BLOMME	25 min	ECI	Univ Ghent, Belgium	Development of CRISPR-Cas9 in the multicellular green algae <i>Ulva mutabilis</i>	
	17:25	Michiel Kwantes	25 min	ECI	Univ Jena, Germany	Uncovering the genetic basis of bacteria-induced morphogenesis in <i>Ulva mutabilis</i>	
17:50	End of Day 1						
TUESDAY 3 October 2017	09:00	WG1. Fertility Chairs: Fabio Rindi & Juliet Coates	Gary Caldwell	40 min		Univ Newcastle, U-K	<i>Ulva</i> reproduction and commercial applications
	09:40		Pilar Garcia-Jimenez	25 min		Univ Las Palmas, GC, Spain	Hormonal control of fertility in the red alga <i>Grateloupia</i>
	10:05		Laure Mignerot	25 min	ECI	Station Biologique Roscoff, France	Genetic and cellular characterization of parthenogenesis in the brown alga <i>Ectocarpus</i>
	10:30		Coffee Break	40 min			
	11:10		Alexander Ebbing	25 min	ECI	NIOZ, The Netherlands	Lifecycle controls of kelp
	11:35	Simon Bourdareau	25 min	ECI	Station Biologique Roscoff, France,	Ouroboros and Samsara trigger the gametophyte-to-sporophyte transition in the brown alga <i>Ectocarpus sp.</i>	
	12:00	Jessie Lauze	25 min	ECI	Univ Massachusetts Dartmouth, USA	Developmental and ecological response of <i>Fucus vesiculosus</i> to environmental contamination in the northwest Atlantic	
	12:25	LUNCH (Sandwiches)					
	14:00	WG2. Reproduction and initiation of the new generation Chairs: Olivier De Clerck & Aschwin Engelen	Bert De Rybel	40 min		VIB, Belgium	Genetic and hormonal control of vascular cell proliferation in <i>Arabidopsis thaliana</i>
	14:40		Kenny Bogaert	25 min	ECI	Univ Ghent, Belgium	Two-phased cell polarisation in the brown alga <i>Dictyota</i>
	15:05		Marina Linardic	25 min	ECI/STSM	Univ Cambridge, U-K	Investigating the role of the cell wall in <i>Dictyota dichotoma</i> embryo patterning
	15:30		Coffee Break	40 min			
	16:10		Bénédicte Charrer	25 min		Station Biologique Roscoff, France	What makes an <i>Ectocarpus</i> filament grow? Enlightenment from biophysical modeling and simulation
	16:35	Mahasweta Saha	25 min	ECI/STSM	Univ Essex, U-K	Seaweeds – 'second skin' and the resulting Volatilome	
	17:00	Jessica Knoop	25 min	ECI/STSM	Univ Swansea, U-K	Improving the Cultivation Techniques of <i>Porphyra dioica</i> in an Integrated Multi-Trophic Aquaculture System in Portugal	
17:25	Juliet Coates	15 min		Univ Birmingham, U-K	<i>Ulva</i> protein kinases: what we know (and don't know) so far		
17:40	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 Chairs: Thomas Wichard & Helena Abreu	Kevin Yun	25 min	ECI	Univ Durham, U-K	Physical constraints as a driver of cellular proliferation patterns in the bloom-forming green alga <i>Ulva spp.</i>
	09:25		Hervé Rabillé	25 min	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	25 min	ECI	NIOZ, Netherlands	Effects of co-occurring hydrodynamic and nutrient stresses on morphology and biomechanics of <i>Saccharina latissima</i> .
	10:15		Coffee Break	40 min			
	10:55		Christophe Viera	25 min	ECI	Ghent Univ, Belgium	Developmental and ecological differentiation in cryptic seaweed species
	11:20	Meiron Zollman	25 min	ECI/STSM	Tel Aviv Univ, Israel	Nutrient analysis methods for seaweed growth	
	11:45	Ben Shahar	25 min	ECI	Nat. Center for Mariculture Eilat, Israel	A dual Periphyton-Ulva biofilter for mariculture effluent	
	12:10	LUNCH (Sandwiches)					
	14:00	Workshop/Preparation Of Seaweed Aquaculture guidelines Coordinators: Susan Holdt & Michèle Barbier	Aleksander Handa	15 min		SINTEF, Norway	Macroalgae cultivation in Norway: Research on industrial development and environmental impact with relevance for guidelines
	14:15		Céline Rebours	15 min		Moreforsk, Norway	Norwegian Integrated Multi-Trophic Aquaculture (IMTA) from pilot-scale to a profitable industry
	14:30		Susan Holdt	15 min		DTU, Denmark	Macroalgal standardization in EU
	14:45		Bertrand Jacquemin	15 min		CEVA, France	Breeding risks in aquaculture
15:00	Michèle Barbier		15 min		EU Ethics expert, France	Access and use of marine resources for scientific research, legislation and ethics	
15:15	DISCUSSION and identification of the main issues; Preparation of the next workshop (including coffee break)						
17:00	Closure	B. Charrier & R. Robaina	5 min			Conclusion and next meeting announcement	
17:05	End of Day 3						