

**Assemble Workshop “Functional Genomics of Marine Model Organisms”
Stazione Zoologica Anton Dohrn, Napoli, Italy
22-23 May 2012**

21 MAY 2012

19:30	Registration
19:50	Welcome address by Coordinator and local organizers
20:00	Welcome Cocktail @ SZN Hans von Marées Fresco Room

22 MAY 2012

08:00 – 10.00	Teachers' lessons Antonio Emidio Fortunato <i>Marine diatoms: model species in a glass cage</i> <i>Ectocarpus siliculosus</i>
10.00 – 10.30	Coffee Break
10.30 – 12.30	Teachers' lessons François-Yves Bouget <i>Setting up a molecular toolbox in <i>Ostreococcus</i> : from transient expression to gene targeting by homologous recombination</i> Tsuyoshi Momose <i>Clytia hemisphaerica. Metazoan body plan evolution by functional and cell biology approaches</i>
12:30 – 14.00	Lunch
14:00 – 16.00	Practicals Antonio Emidio Fortunato <i>Generation of diatom mutants through biolistic transformation</i> <i>Ectocarpus siliculosus</i>
16.00 – 16.30	Coffee Break
16.30 – 18.30	Practicals François-Yves Bouget <i>Genetic transformation of <i>Ostreococcus</i> : practical tricks</i> Tsuyoshi Momose <i>Light-induced ovulation / gene knock-down techniques in <i>Clytia hemisphaerica</i></i>
20:00	Dinner @ restaurant (walking distance from SZN)

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08:00 – 10.00	<p>Teachers’ lessons</p> <p>Tomas Larsson</p> <p><i>Introduction to Platynereis dumerilii as a model organism</i></p> <p>Ina Arnone</p> <p><i>The sea urchin embryo as laboratory model for gene regulatory biology</i></p>
10.00 – 10.30	Coffee Break
10.30 – 12.30	<p>Teachers’ lessons</p> <p>Salvatore D’Aniello</p> <p><i>The Mediterranean Amphioxus: insights from an old model in the genomic era</i></p> <p>Nietta Spagnuolo</p> <p><i>Ciona, an ascidian model system for studying gene function, regulation and development</i></p>
12:30 – 14.00	Lunch
14:00 – 16.00	<p>Practicals</p> <p>Tomas Larsson</p> <p><i>Analysis of differential mRNA expression using Illumina sequence data - examples from Platynereis tissues</i></p> <p>Ina Arnone</p> <p><i>Micro-injection in sea urchin zygotes</i></p>
16.00 – 16.30	Coffee Break
16.30 – 18.30	<p>Practicals</p> <p>Salvatore D’Aniello</p> <p><i>Branchiostoma lanceolatum</i></p> <p>Nietta Spagnuolo</p> <p><i>Ciona embryos handling, electroporation and microscope observation of transgenic animals</i></p>
18:30	Evening on your own