



## INDUCTION MEETING for PhD Students

AA 2017/2018

### PROGRAM

December 11<sup>th</sup>  
2017  
h. 10.00  
Conference Room

- |       |       |  |
|-------|-------|--|
| 9.45  | 10.00 | <b>Francesco Bolinesi</b><br>Tutors Dr. M. Saggiomo, O. Mangoni (UNINA)<br>Impact of Light, Iron, and Vitamin B12 Co-limitation of<br>Phytoplankton Species in the Ross Sea  |
| 10.00 | 10.15 | <b>Kevin Martinez</b><br>Dir. Studies Dr.A. Ianora<br>Drug discovery from marine microalgae  |
| 10.15 | 10.30 | <b>Marie-Lyne Macel</b><br>Dir. Studies Dr. S. D'Aniello<br>New fluorescent proteins from the sea  |
| 10.30 | 10.45 | <b>Valerio Mazzella</b><br>Tutors, Laura Nuñez Pons, Prof. Antonio Dell'Anno (UNIVPM)<br>Microbiome, metabolic and trophic phenotypic traits in the<br>adaptability of marine Sponges to Ocean Acidification                     |
| 10.45 | 11.00 | <b>Alexandre Epinoux</b><br>Dir. Studies Dr. Raffaella Casotti<br>Short-term responses of marine bacteria and phytoplankton to<br>disturbance in marine coastal areas by automated high -<br>frequency flow cytometry            |
| 11.00 | 11.15 | <b>Mariarita Brancaccio</b><br>Dir. Studies Dr. I. Castellano<br>Structure function and evolution of the enzymes involved<br>in the biosynthesis of 5-thiohistidines: from life in the<br>ocean to implications for human health |
| 11.15 | 11.30 | <b>Francesca Strano</b><br>Tutors Dr. F. Ristoratore, Prof. A. Terlizzi (Univ. Trieste)<br>Sensing Skin: analysis of the extra-ocular photoreceptors and<br>the mechanoreceptor systems in cephalopods                           |



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| 11.30 | 11.45 | <b>Ruth Styfhals</b><br>Tutors G. Fiorito, Eve Seunjens (KU Leuven, BE)<br>Discovering cellular diversity in the developing and adult <i>Octopus vulgaris</i> nervous system        |
| 11.45 | 12.00 | <b>Mrudul Chellapurath</b><br>Tutors S. Stefanni, C. Laschi (SSSA)<br>Soft Robotic Sampler for Screening Biodiversity at Sea  |
| 12.00 | 12.15 | <b>Anna Chiara Trano</b><br>Dir. Studies Dr. R. Casotti<br>Bacteria-diatom interactions in the context of oxylipin production   |
| 12.15 | 12.30 | <b>Manuela Piccardo</b><br>Tutors Dr. P. Sordino, Prof. A. Terilizzi (Univ. Trieste)<br>Fate and effects of microplastics in wild fish populations                                  |
| 12.30 | 12.45 | <b>Lorenzo Longobardi</b><br>Dir. of Studies Dr. Adriana Zingone<br>From data to knowledge: Integrating observational data to understand phytoplankton dynamics in a changing world |
| 12.45 | 13.00 | <b>Silvia Filogna</b><br>Tutors, Dr. L. Musco, Prof. A. Menciassi (SSSA)<br>Microrobotic system inspired by marine organisms  |
| 13.00 | 13.15 | <b>Vincenzo Donnarumma (MPhil)</b><br>Dir. Studies Dr. R. Casotti<br>Microbial communities associated with microplastics in the Gulf of Naples (Italy)                              |
| 13.15 | 13.30 | <b>Maria Concetta Eliso</b><br>Tutors A. Spagnuolo, I. Corsi (Univ. Siena)<br><i>Ciona intestinalis</i> as model system for ecotoxicological Studies                                |