

ANTONIO MIRALTO



Research Fellow Stazione Zoologica Anton Dohrn

- Staff Member of the Stazione Zoologica Anton Dohrn from 1968-2010
- General Director of the SZN 1984-1990
- Member of the Administrative Council SZN 1976-1984 and 1991-1995
- Head of the Ecophysiology Laboratory and Functional and Evolutionary Ecology Laboratory SZN 1991-2010
- Member of the Administrative Council of BIOGEM 2008-2012
- Author of 81 ISI publications with a h-index of 37. Total citations = 4517.

Representative publications:

Miralto A, Barone G, Romano G, Poulet SA, Ianora A, Russo L, Buttino I, Mazzarella G, Laabir M, Cabrini M, Giacobbe MG. The insidious effect of diatoms on copepod reproduction. *Nature* 1999; 402: 173-176.

Ianora A, Miralto A, Poulet SA, Carotenuto Y, Buttino I, Romano G, Casotti R, Pohnert G, Wichard T, Colucci D'Amato L, Terrazzano G, Smetacek V. Aldehyde suppression of copepod recruitment in blooms of a ubiquitous planktonic diatom. *Nature* 2004; 429: 403-407.

Lauritano C, Carotenuto Y, Procaccini G, Miralto A, Ianora A. 2012. Copepod Population-Specific Response to a Toxic Diatom. *PLoS ONE* 7(10) e4726.

Ribaleat F, Bastianini M, Vidoudez C, Acri F, Berges J, Ianora A, Miralto A, Pohnert G, Romano G, Wichard T, Casotti R. 2014. Phytoplankton cell lysis associated with polyunsaturated aldehyde release in the northern Adriatic Sea. *PLoS ONE* 9(1): e85947

Ianora A, Bastianini M, Carotenuto Y, Casotti R, Roncalli R, Miralto A, Romano G, Gerecht A, Fontana A, Turner JT. 2015. Some diatom blooms are more toxic for copepod recruitment due to production of non-volatile oxylipins. *Harmful Algae* 44: 1-7