

# Isabella Moro

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Isabella Moro is an Associate Professor of Botany (SSD BIO/01) at the Department of Biology, University of Padova. She obtained her PhD in Evolutionary Biology at the University of Padova (Italy). Her research activity focuses on surveys on the biodiversity of the “light loving organisms” (cyanobacteria, microalgae, and seaweeds) living in marine and transitional environments, through a polyphasic approach, consisting in morphological, ultrastructural, biochemical and molecular analyses.

Her main research fields are:

- molecular and phylogenetic analyses on different seaweeds in order to identify new alien taxa recently introduced in the Mediterranean marine environments;
- investigations on marine microphytobenthic (on natural and artificial substrates) and phytoplanktonic communities;
- surveys on adaptive mechanisms by microorganisms (cyanobacteria and microalgae) to live in extreme marine environments;
- effects of xenobiotics in algae living in marine environments.

Isabella Moro has participated in 3 expeditions in the Ross Sea (Antarctica) and she is author/co-author of more than 90 papers in International Peer Reviewed Journals.

## SELECTED PUBLICATIONS:

- [Multi-gene phylogeny reveals a new genus and species of Hapalidiales \(Rhodophyta\) from Antarctica: \*Thalassolithon adeliense\* gen. et sp. nov. \(2023\).](#)  
R Trentin, E Moschin, A Grapputo, F Rindi, S Schiaparelli, **I Moro**  
*Phycologia* 62 (1), 83-98
- [Total Phenolic Levels, In Vitro Antioxidant Properties, and Fatty Acid Profile of Two Microalgae, \*Tetraselmis marina\* strain IMA043 and Naviculoid Diatom strain IMA053, Isolated from the North Adriatic Sea \(2022\)](#)  
R Trentin, L Custódio, MJ Rodrigues, E Moschin, K Sciuto, JP da Silva, **I Moro**  
*Marine Drugs* 20 (3), 207
- [Microglena antarctica sp. nov. a New Antarctic Green Alga from Inexpressible Island \(Terra Nova Bay, Ross Sea\) Revealed through an Integrative Approach \(2022\)](#)

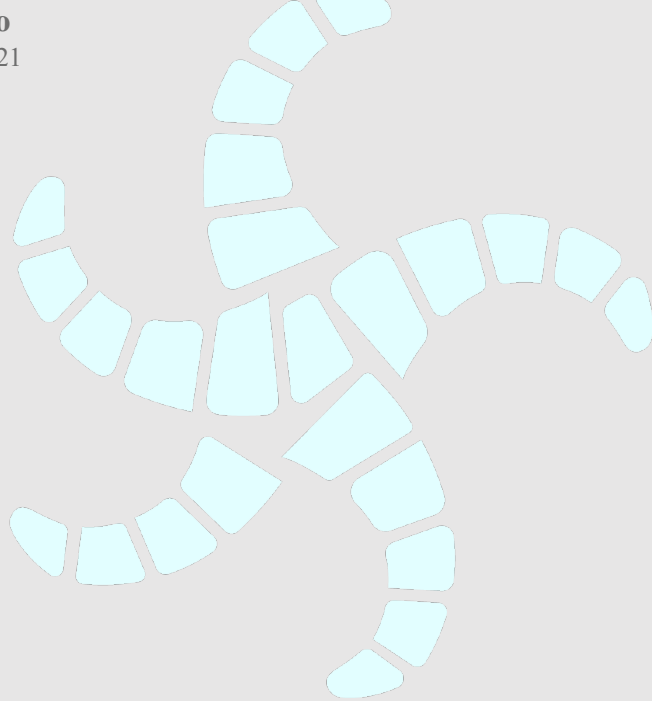
R Trentin, E Negrisola, E Moschin, D Veronese, M Cecchetto, **I Moro**  
**Diversity** 14 (5), 337

- [\*Tethysphytum antarcticum\* gen. et sp. nov. \(Hapalidiales, Rhodophyta\), a new non-geniculate coralline alga from Terra Nova Bay \(Ross Sea, Antarctica\): morpho-anatomical characterization and molecular phylogeny \(2021\)](#)

K Sciuto, E Moschin, G Alongi, M Cecchetto, S Schiaparelli, A Caragnano, F.Rindi, **I Moro**  
**European Journal of Phycology** 56 (4), 416-427

- [\*Ulva\* \(Chlorophyta, Ulvales\) Biodiversity in the North Adriatic Sea \(Mediterranean, Italy\): Cryptic Species and New Introductions \(2012\).](#)

MA Wolf, K Sciuto, C Andreoli, **I Moro**  
**Journal of Phycology** 48 (6), 1510-1521



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