

Rita Marino

Born in Naples on 22/06/1964

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Main projects:

- Characterization of *C. robusta* spermatozoa enzymes involved in fertilization.
- Study of gamete self-sterility acquisition in the hermaphrodite tunicate *C. robusta*.
- Study of complement proteins involved in inflammatory pathway in *C. robusta*.
- Study of immune response in tunicates and characterization of immunological memory.
- Impact of nano and microplastics on immune performance of marine invertebrates.

Current Position: technologist

Current Affiliation:

Department of Biology and Evolution of Marine Organisms, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University Federico II of Napoli, Italy	Master top grade	1989	Biological sciences
Institute of Protein Biochemistry and Enzimology, Napoli, Italy	CNR fellowship	1989-1991	Purification of a vitelline coat lysin from <i>C. intestinalis</i> spermatozoa
Tokyo Institute of Technology, Department of Life Science Tokyo, Japan	Visiting Associate Scientist	1991 (1 month)	Sperm-egg fusion in <i>C. intestinalis</i>
Stazione Zoologica Anton Dohrn, Napoli, Italy	Scientific collaboration	1991-1992	Self-nonsel discrimination in <i>C. intestinalis</i> gametes
University Federico II of Napoli, Italy	PhD	1992-1996	Acquisition of gamete self-sterility in the ascidian <i>C. intestinalis</i>
Stazione Zoologica Anton Dohrn, Napoli, Italy	Forward contract as technologist	1997-2000	Tecnologies for gene expression study
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist, permanent position	2000-2001	Tecnologies for gene expression study

Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist, permanent position	2002-2006	Complement system in <i>C. robusta</i>
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist, permanent position	2007-2015	Tecnologies for gene expression study
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist, permanent position	2016-at present	Tunicate immunity