

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	Giovanna Romano		
Address	STAZIONE ZOOLOGICA ANTON DOHRN VILLA COMUNALE 1 80121 NAPOLI, ITALIA		
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E-mail	giovanna.romano@szn.it		
Nationality	Italian		
Date of Birth	09/07/1959		
Gender	Female		

WORK EXPERIENCE

- | | |
|--|---------------------------------------|
| • Dates (from - to) | January 2014 - Present |
| • Name and address of the employer | Stazione Zoologica Anton Dohrn |
| • Type of business or sector | |
| • Occupation or position held | Researcher II Level |
| • Main activities and responsibilities | |
| • Dates (from - to) | October 1989- December 2013 |
| • Name and address of the employer | Stazione Zoologica Anton Dohrn |
| • Type of business or sector | |
| • Occupation or position held | Researcher III Level |
| • Main activities and responsibilities | |

EDUCATION AND TRAINING

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| • Dates (from - to) | October 1983-September 1989 |
| • Name and type of organisation providing education and training | Stazione Zoologica Anton Dohrn |
| • Principal subjects/occupational skills covered | Fellowship in Biochemistry |
| • Title of qualification awarded | |

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| • Dates (from - to) | 1979 - 1983 |
| • Name and type of organisation providing education and training | Università degli Studi di Napoli "Federico II" |
| • Principal subjects/occupational skills covered | Experimental degree thesis in Biochemistry |

**PERSONAL SKILLS AND
COMPETENCES**

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH

**SCIENTIFIC SKILLS
AND COMPETENCES**

- Research interest (5 keywords): Marine biotechnology, diatoms, chemical ecology, secondary metabolites.
- Author of 118 publications in ISI Journals.
- Communications at national and international congresses
- Supervisor of 11 PhD theses. Examiner for 16 PhD theses.

ACHIEVEMENTS AND SERVICE
Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- 2015-2018: Coordinator of the Chemical Ecology laboratory at Stazione Zoologica Anton Dohrn
- Participant in several National and EU Projects, among which:
 - o 2012-2017: FP7-KBBE: Pharmasea, Partner
 - o 2016-2021: H2020-MSCA-ITN-ETN MarPipe, Partner
 - o 2015-2020: H2020-MSCA- RISE: Ocean Medicines, Partner
 - o 2011-2014: PON01_02093 – Partner
 - o 2011-2015: PON01_00117 – Partner
 - o 2011-2015: PON01_02782 – Partner
 - o 2007-2013: FEP CAMPANIA – Rilevamento di Inquinanti tossici in organismi marini- Coordinator
 - o 2018-2021: MAECI GR – GES - Coordinator
 - o 2019-2022: Project Cluster “BIG” – ITEM-WP Leader
 - o 2019-2022: POR CAMPANIA FESR 2014/2020 –ADVISE- Partner
 - o 2025-2028 Sustainable Blue Economy Partnership (SBEP) – BIOVAL - Coordinator
- Appointed as a member of the Working group on Biotechnology for the CLUSTER BIG
- Vice President of the European Society for Marine Biotechnology (ESMB) 2024-ongoing
- Editorial Board Member of the journal Marine Drugs (MDPI)
- Associated Editor Frontiers Marine Biotechnology
- Organization of training courses and workshops:
 - o December 11-12, 2019: Workshop “Genomics for a Blue Economy”, Stazione Zoologica Anton Dohrn, Napoli, Italy
 - o 2017-2022: International Summer School on Natural Products “Luigi Minale” and “Ernesto Fattorusso”
 - o April 4-5, 2016: Workshop “Exploitation and Legal Aspects on Marine Genetic and Chemical Resources”

PUBLICATION INDEXES
Google Scholar

- NUMBER OF PUBLICATIONS: 119
- TOTAL NUMBER OF CITATIONS: 8415
- H-INDEX: 48 (Google Scholar 15/10/2025)

10 MOST RELEVANT
PUBLICATIONS
In the last 10 years.

1. **Structural insights and bioactivity of a cell wall sulfated polysaccharide from the marine diatom *Cyclotella cryptica*.** Leone, S., Giugliano, R., Borgonuovo, C., Chiodo, F., Molinaro, A., Zannella, C., De Filippis, A., Galdiero, M., van Kooyk, Y., De Chiara, S., Magnabosco, C., Di Lorenzo, F., & **Romano, G.** (2025). *International Journal of Biological Macromolecules*, 311, 143611. doi:[10.1016/j.ijbiomac.2025.143611](https://doi.org/10.1016/j.ijbiomac.2025.143611).
2. **Prostaglandin Pathway Activation in the Diatom *Skeletonema Marinoid* under Grazer Pressure.** Barbarinaldi, R.; Di Costanzo, F.; Orefice, I.; **Romano, G.**; Carotenuto, Y.; Di Dato, V. *Marine Environmental Research* 2024, 196, 106395, doi:[10.1016/j.marenvres.2024.106395](https://doi.org/10.1016/j.marenvres.2024.106395).
3. **Distribution and Level of Bioactive Monoacylglycerols in 12 Marine Microalgal Species.** Santaniello, G.; Falascina, G.; Ziaco, M.; Fioretto, L.; Sardo, A.; Carelli, M.; Conte, M.; Romano, G.; Cutignano, A. *Marine Drugs* 2024, 22, 258, doi:[10.3390/md22060258](https://doi.org/10.3390/md22060258).
4. **Three Novel Bacteria Associated with Two Centric Diatom Species from the Mediterranean Sea, *Thalassiosira rotula* and *Skeletonema marinoi*.** Di Costanzo, F.; Di Dato, V.; van Zyl, L.J.; Cutignano, A.; Esposito, F.; Trindade, M.; **Romano, G.** *International Journal of Molecular Sciences* 2021, 22, 13199, doi:[10.3390/ijms222413199](https://doi.org/10.3390/ijms222413199).
5. **Variation in Prostaglandin Metabolism during Growth of the Diatom *Thalassiosira rotula*.** Di Dato, V.; Barbarinaldi, R.; Amato, A.; Di Costanzo, F.; Fontanarosa, C.; Perna, A.; Amoresano, A.; Esposito, F.; Cutignano, A.; Ianora, A.; **Romano, G.** *Scientific Reports* 2020, 10, 5374, doi:[10.1038/s41598-020-61967-3](https://doi.org/10.1038/s41598-020-61967-3).
6. **Unveiling the Presence of Biosynthetic Pathways for Bioactive Compounds in the *Thalassiosira rotula* Transcriptome.** Di Dato, V.; Di Costanzo, F.; Barbarinaldi, R.; Perna, A.; Ianora, A.; **Romano, G.** *Sci Rep* 2019, 9, 9893, doi:[10.1038/s41598-019-46276-8](https://doi.org/10.1038/s41598-019-46276-8).
7. **Amphidinol 22, a New Cytotoxic and Antifungal Amphidinol from the Dinoflagellate *Amphidinium carterae*.** Martínez, K.A.; Lauritano, C.; Druka, D.; Romano, G.; Grohmann, T.; Jaspars, M.; Martín, J.; Díaz, C.; Cautain, B.; de la Cruz, M.; et al. *Marine Drugs* 2019, 17, 385, doi:[10.3390/md17070385](https://doi.org/10.3390/md17070385).
8. **Monoacylglycerides from the Diatom *Skeletonema marinoi* Induce Selective Cell Death in Cancer Cells.** Miceli, M.; Cutignano, A.; Conte, M.; Ummarino, R.; Romanelli, A.; Ruvo, M.; Leone, M.; Mercurio, F.A.; Doti, N.; Manzo, E.; **Romano, G.*** Altucci, L*. Ianora, A. *Marine Drugs* 2019, 17, 625, doi:[10.3390/md17110625](https://doi.org/10.3390/md17110625).
9. **First Identification of Marine Diatoms with Anti-Tuberculosis Activity.** Lauritano, C.; Martín, J.; Cruz, M. de la; Reyes, F.; **Romano, G.**; Ianora, A. *Scientific Reports* 2018, 8, 2284, doi:[10.1038/s41598-018-20611-x](https://doi.org/10.1038/s41598-018-20611-x).
10. **Animal-like Prostaglandins in Marine Microalgae.** Di Dato, V.; Orefice, I.; Amato, A.; Fontanarosa, C.; Amoresano, A.; Cutignano, A.; Ianora, A.; **Romano, G.** *The ISME Journal* 2017, 11, 1722–1726, doi:[10.1038/ismej.2017.27](https://doi.org/10.1038/ismej.2017.27).

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Napoli, 15/10/2025

Signature