

Giorgio Aglieri



Born in Palermo (Italy) on 24/05/1981

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Current Position: Technologist, III level

Current Affiliation:

Integrated Marine Ecology, Stazione Zoologica Anton Dohrn, Palermo(Italy)

Education/Training/Experience

| Institute and Location | Degree / Function | Year | Field of Study |
|------------------------------|-------------------|-----------|--|
| University of Palermo, Italy | Bachelor | 2001-2006 | Biological sciences |
| University of Palermo, Italy | Master (Laurea) | 2007-2009 | Marine Biological Resources |
| University of Salento, Italy | Ph.D. | 2010-2014 | Title: Molecular genetics tools for investigating the ecology of the blooming jellyfish <i>Pelagia noctiluca</i> and <i>Aurelia</i> spp. |

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| University of Salento, Italy | Postdoc | 2014-2016 | Invertebrate molecular taxonomy |
| University of Palermo, Italy | Postdoc | 2018-2020 | Coastal biodiversity monitoring using environmental DNA metabarcoding and baited underwater video systems |
| Stazione Zoologica Anton Dohrn, Napoli, Italy | Postdoc | 2020-2021 | Study of the impact of artisanal fishing devices on coastal fish communities |
| Stazione Zoologica Anton Dohrn, Palermo, Italy | Technologist | 2021-Present | Marine ecology |

Appointments and awards

2021- Present: Involved in the National Geographic project ProSharkMed

2020 – Present: Involved in the project FEAMP 2014-2020_ Campania-Linea 1.26

2018 – 2019: Involved in the project Interreg Med FishMPABlue 2

2014: Member of the teaching staff of the course “Introduction to Pelagic Cnidarians and Ctenophores: Research Topics and Methods” - Barcelona, Spain.

2013-2015 Involved in the project ENPI-CBC MED - MED-JELLYRISK.

2011-2014 Involved in the projects FP7-VECTORS, and FP7-COCONET

Students’ Supervision

Supervisor of one bachelor and three master thesis students

Publications

List of publications of the last 10 years

Peer-reviewed publications:

- Aglieri, G., Baillie, C., Mariani, S., Cattano, C., Calò, A., Turco, G., Spatafora, D., Di Franco, A., Di Lorenzo, M., Guidetti, P., Milazzo, M. (2020). Environmental DNA effectively captures functional diversity of coastal fish communities. *Molecular Ecology*.
- Boissin, E., Neglia, V., Baksay, S., Micu, D., Bat, L., Topaloglu, B., Todorova V., Panayotova M., Kruschel, C., Milchakova, N., Voutsinas E., Beqiraj, S., Nasto, I., Aglieri G., Taviani, M., Zane, L., Planes, S. (2020). Chaotic genetic structure and past demographic expansion of the invasive gastropod *Tritia neritea* in its native range, the Mediterranean Sea. *Scientific Reports*, 10(1), 1-13.
- Beli, E., Aglieri, G., Strano, F., Maggioni, D., Telford, M. J., Piraino, S., & Cameron, C. B. (2018). The zoogeography of extant rhabdopleurid hemichordates (Pterobranchia: Graptolithina), with a new species from the Mediterranean Sea. *Invertebrate Systematics*, 32(1), 100-110.
- Paterno, M., Schiavina, M., Aglieri, G., Ben Souissi, J., Boscari, E., Casagrandi, R., ... & Kruschel, C. (2017). Population genomics meet Lagrangian simulations: Oceanographic patterns and long larval duration ensure connectivity among *Paracentrotus lividus* populations in the Adriatic and Ionian seas. *Ecology and Evolution*, 7(8), 2463-2479.
- Scorrano, S., Aglieri, G., Boero, F., Dawson, M.N., & Piraino, S. (2016). Unmasking *Aurelia* species in the Mediterranean Sea: an integrative morphometric and molecular approach. *Zoological Journal of the Linnean Society*, 180(2), 243-267.
- Boero, F., Fogliani, F., Frascchetti, S., Goriup, P., Macpherson, E., Planes, S., ... & CoCoNet Consortium. (2016). CoCoNet: towards coast to coast networks of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential. *SCIRES-IT-SCIENTIFIC RESEARCH and Information Technology* , 6, 1-95.
- Milisenda, G., Martinez-Quintana, A., Fuentes, V. L., Bosch-Belmar, M., Aglieri, G., Boero, F., & Piraino, S. (2016). Reproductive and bloom patterns of *Pelagia noctiluca* in the Strait of Messina, Italy. *Estuarine, Coastal and Shelf Science*, 201: 29-39.

- Ape, F., Arigo, C., Gristina, M., Genovese, L., Di Franco, A., Di Lorenzo, M., Baiata, P., Aglieri, G., Milisenda, G., & Mirto, S. (2015). Meiofaunal Diversity and Nematode Assemblage in Two Submarine Caves of a Mediterranean Marine Protected Area. *Mediterranean Marine Science*, 17(1), 202-215.
- Aglieri, G., Papetti, C., Zane, L., Milisenda, G., Boero, F., & Piraino, S. (2014). First evidence of inbreeding, relatedness and chaotic genetic patchiness in the holoplanktonic jellyfish *Pelagia noctiluca* (Scyphozoa, Cnidaria). *PLoS One*, 9(6), e99647.
- Piraino, S., Aglieri, G., Martell, L., Mazzoldi, C., Melli, V., Milisenda, G., Scorrano, S., & Boero, F. (2014). *Pelagia benovici* sp. nov. (Cnidaria, Scyphozoa): a new jellyfish in the Mediterranean Sea. *Zootaxa*, 3794(3), 455-468.