

## Lucrezia Spagoni



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**Current Position:** Borsista di Ricerca

**Current Affiliation:** Stazione Zoologica Anton Dohrn, CRIMAC, Calabria Marine Centre

### Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Università degli Studi Roma Tre	Docente	2023	The course was related to the introduction of evolutionary biology concepts.
Università degli Studi Roma Tre	Assegnista di Ricerca	2021 - 2023	The aim of the project was to investigate the molecular evolution of blister beetles, in particular the interest was on Kunitz protein which are anticoagulant protein that might also be used in human medicine.
Sapienza Università di Roma	Laurea Magistrale in Ecobiologia curriculum biologia degli ecosistemi e della conservazione	2018 - 2021	Study the evolution of a potential new mechanism of insecticide resistance in <i>Anopheles coluzii</i> . The study aimed to gather frequency data on resistance-conferring derived alleles by directly amplifying and sequencing the target region.
Sapienza Università di Roma	Laurea Triennale in Scienze Naturali	2015 - 2018	Analysis of the current and fossil distribution, phylogeny, and morphological traits of some insect genera included in Dominican ambers.

## Appointments and awards

06/2023: XXVII Congresso Nazionale Italiano di Entomologia (CNIE), 12-16 June 2023, Palermo [3 POSTER]

09/2022: 9° Congresso della Società Italiana di Biologia Evoluzionistica, 4-7 September 2022, Ancona [POSTER]

06/2021: XXVI Congresso Nazionale Italiano di Entomologia (CNIE), 07-11 June 2021. Online. [ORAL PRESENTATION]

## Publications

### *List of publications of the last 10 years*

- Ricciari, A., **Spagoni, L.**, Li, M., Franchini, P., Rossi, M. N., Fratini, E., Cervelli M., Bologna M.A., & Mancini, E. (2024). Comparative genomics provides insights into molecular adaptation to hypermetamorphosis and cantharidin metabolism in blister beetles (Coleoptera: Meloidae). *Integrative Zoology*. 0: 1–14 <https://doi.org/10.1111/1749-4877.12819>
- Ricciari, A., **Spagoni, L.**, & Bologna, M. A. (2024). Endemic and cryptic: different biogeographic histories of three Italian blister beetles of the genus *Meloe* (Coleoptera: Meloidae: Meloinae: Meloini). *Insect Systematics and Diversity*, 8(2), 1. <https://doi.org/10.1093/isd/ixae003>
- Fratini, E., Rossi, M. N., **Spagoni, L.**, Ricciari, A., Mancini, E., Polticelli, F., Bologna M.A., Mariottini P., & Cervelli, M. (2022). Molecular Characterization of Kunitz-Type Protease Inhibitors from Blister Beetles (Coleoptera, Meloidae). *Biomolecules*, 12(7), 988. <https://doi.org/10.3390/biom12070988>