Gianluca Natta

30-06-1997 | Turin, Italy | gianluca.natta@unito.it

Current position

01-11-2022
PhD Student in Biological Sciences and Applied Biotechnologies (38th cycle)
Dep. of Life Sciences and Systems Biology, University of Turin – Turin, Italy

Education

Master's Degree in Environmental Biology – LM6 | 12-04-2022
Dep. of Life Sciences and Systems Biology, University of Turin – Turin, Italy
Grade: 110/110 L
Thesis title: Behavioural syndrome in *Copris umbilicatus*

Bachelor's Degree in Natural Sciences – L32 | 16-09-2019
Dep. of Life Sciences and Systems Biology, University of Turin – Turin, Italy
Grade: 110/110 L
Thesis title: Effetto delle attività umane sull'avifauna degli ecosistemi alpini

Participation to research groups / Fellowship(s)

05-04-2024 – 06-07-2024
Dep. of Biology, Aarhus University – Aarhus, Denmark
Position held: Trainee
Traineeship for research activities on planar optodes applied to dung beetles
Supervisors: Prof. Ugo Marzocchi, Prof. Klaus Koren

27-07-2020 – 12-04-2022
Dep. of Life Sciences and Systems Biology, University of Turin – Turin, Italy
Position held: Thesis Worker
Thesis internship on the behavioural syndromes of *Copris umbilicatus*
Supervisors: Prof. Claudia Palestrini, Doc. Angela Roggero

Publication list

Natta G., Voyron, S., Lumini E., Laini A., Santovito A., Roggero A., Palestrini C., Rolando A. DNA metabarcoding of gut microbiota reveals considerable taxonomic differences among wild individuals of the dung beetle *Trypocopris pyrenaeus* (Coleoptera: Geotrupidae). *Eur. J. Entomol*. **2024**, 121, 40-53. https://doi.org/10.14411/eje.2024.007

Natta G., Laini A., Roggero A., Fabbriciani F., Rolando A., Palestrini C. Behavioural Repeatability and Behavioural Syndrome in the Dung Beetle *Copris umbilicatus* (Coleoptera, Scarabaeidae). *Insects* **2023**, 14, 529. https://doi.org/10.3390/insects14060529

Presentation of papers, poster, given speeches at conferences and seminars

Natta G., Merl T., Laini A., Roggero A., Rolando A., Palestrini C., Koren K., Marzocchi U. Use of planar optode technology to assess oxygen and pH dynamics in soils bioturbated by dung beetles. 83° Congresso Unione Zoologica Italiana, **2024,** University of Pisa, Italy. *(poster presentation)*

Natta G., Roggero A., Zanon A., Fiorito A., Laini A., Rolando A., Palestrini C. Sexual dimorphism in the hornless dung beetle *Geotrupes mutator* (Marsham, 1802) (Coleoptera, Geotrupini). XII^{ème} Symposium de Morphométrie et Évolution des Formes SMEF24, **2024**, Université de Bourgogne, Dijon, France. *(poster presentation)*

Natta G., Laini A., Roggero A., Fabbriciani F., Pizzolato F., Rolando A. & Palestrini C. Personality and behavioural syndromes in dung beetles: evidence from multiple behaviours in *Copris umbilicatus* Abeille de Perrin, 1901 (Coleoptera, Coprini). XXVII Congresso Nazionale Italiano di Entomologia, **2023**, University of Palermo, Italy. *(oral presentation)*

Voyron S., **Natta G.**, Lumini E., Laini A., Santovito A., Roggero A., Rolando A. & Palestrini C. High inter-individual diversity of the gut microbiota in *Trypocopris pyrenaeus* (Charpentier, 1825) (Coleoptera, Geotrupidae). XXVII Congresso Nazionale Italiano di Entomologia, **2023**, University of Palermo, Italy. *(poster presentation)*

Skills

Soft Skills

- Multidisciplinary mindset and competences across biological and natural sciences.
- Good predisposition to writing.
- Acquired expertise in communication, autonomous work and teamwork.

Technical Skills

- Use of several analysis software (R Studio, SPSS, QGIS, Avisoft, Praat, ImageJ)
- Use of molecular biology techniques (DNA extraction, PCR amplification, purification of PCR products)

Languages

- Italian (mother tongue)
- English (Upper-Intermediate/B2)