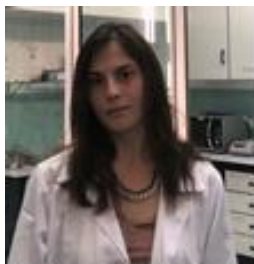


PERSONAL INFORMATION

Giulia Gentile



 Viale Benedetto Croce, 65, Pescasseroli (AQ)

 3334397602

 giugentile96@gmail.com

Sex F | [Date of birth](#) 21/11/1996 | [National](#) Italian

QUALIFICATION

Master's degree in Ecobiology

PROFESSIONAL EXPERIENCE

01 JANUARY 2023 - PRESENT

[Ph.D.](#)

In January 2023, she won a Ph.D. scholarship at the Tuscia University. Currently, she is involved in a Landscape Genomics project applied to protected areas, aiming to assess their effectiveness in biodiversity conservation.

01 JUNE 2022 - NOVEMBER

[Scholarship](#)

In June 2022, she was the winner of the research grant: "Non-invasive monitoring of the Eurasian otter in Abruzzo, Lazio, and Molise National Park".

This project includes sampling activities at the PNALM and laboratory tasks such as:

- DNA extraction from non-invasive samples
- Microsatellite amplification by PCR
- Statistical analysis of data

15 FEBRUARY 2022 - 15 MAY 2022

[Research activities](#)

Maputo Natural History Museum - E. Mondlane University, Mozambique.

BioForMoz project (AID12089) AICS

Project title: "Population genetics and historical demography of the African buffalo in Mozambique: conservation and management implications".

The following activities were carried out in this project:

- Organization of resources and activities in the genetics laboratory of the Maputo Natural History Museum (MHN-UEM).
- Training of MHN-UEM staff in genetic characterization techniques applied to large and small mammals, sample collection and processing, molecular analysis and data analysis.
- Organization and management of the MHN-UEM biobank: reception and processing of new samples (tissue, blood) and creation of reference databases.
- Seminary: "Noninvasive population genetics: A case study on the Eurasian otter (*Lutra lutra*) population of the Cilento National Park, Italy" in MHN-UEM.

Finally, she carried out sampling activities at the Maputo National Park (Mozambique) and applied non-invasive genetic techniques in the laboratories of the Maputo Natural History Museum.

EDUCATION AND TRAINING

26 JANUARY 2022

Master's degree in EcoBiology

Thesis title: "Study of the genetic structure of the population of the Eurasian otter (*Lutra lutra*) in the Cilento National Park through non-invasive genetic techniques".

Supervisors: Paolo Colangelo and Riccardo Castiglia.

Rating: 110/110 e Lode

Sapienza, University of Rome, Piazzale Aldo Moro 5, Rome, 00185, Italy

For the thesis work she learned several laboratory techniques such as: extraction of DNA from "non-invasive" samples and amplification of microsatellites by PCR. She has also carried out bioinformatic analysis, such as: genotyping through microsatellites using two software, "RStudio" and "Peak Scanner"; different statistical analysis via the software "RStudio".

OCTOBER 2019 - JANUARY 2022

Student in the EcoBiology master's program

Sapienza, University of Rome, Piazzale Aldo Moro 5, Rome, 00185, Italy

25 JULY 2019

Bachelor's degree in Biological Sciences

Thesis title: "Genetic bases of resistance to anticoagulant rodenticides in wild populations of *Mus domesticus* (Rodentia, Muridae)"

Sapienza, University of Rome, Piazzale Aldo Moro 5, Rome, 00185, Italy

For the thesis work she learned several laboratory techniques such as: extraction of DNA from tissue samples and amplification of DNA fragments through PCR, gel electrophoresis. She also used "Mega" software for visualizing DNA sequences.

OCTOBER 2015 - JULY 2019

Student in the Bachelor of Science program in Biological Sciences

Sapienza, University of Rome, Piazzale Aldo Moro 5, Rome, 00185, Italy

JULY 2015

Scientific Diploma

Liceo Scientifico statale "Democrito", Viale Prassilla, 79, 00124, Rome (RM)

FURTHER INFORMATION

Seminars

She conducted a seminar entitled:
"Non-invasive genetics in conservation: a case study on the Eurasian otter (*Lutra lutra*) population of the Cilento National Park, Italy"
13/05/2022, Maputo Natural History Museum, Mozambique