



Ludovica Binelli Birth date: 15/10/1997 Nationality: Italian

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Association with INFN from 01/02/2023 to date

EDUCATION AND TRAINING

01/01/2023 – to date – Rome, Italy

PhD XXXVIII cycle financed by INFN

University of Roma Tre and Istituto Superiore di Sanità

PhD Project Title: Gold nanorods: synthesis, characterization, functionalization with radiopharmaceuticals and in vitro testing for applications in nuclear medicine

01/03/2020 – 15/07/2022 – Rome, Italy

Master's Degree in Biology for Molecular, Cellular and fisiopathological Research

University of Roma Tre

EDUCATION AND TRAINING

01/03/2025 – 30/06/2025 – Darmstadt, Germany

Internship

GSI Helmholtzzentrum für Schwerionenforschung

I collaborate with the Biophysics group on one of their projects concerning the immune system. This experience is allowing me to further expand my skills by exploring the interaction between applied physics and molecular biology. The opportunity to deepen my understanding of immune dynamics at the cellular level is incredibly stimulating and enriches my research path, making me even more determined to explore new fields, such as space radiation.

MEMBERSHIPS, AWARDS, RECOGNISATIONS

- Association with INFN from 01/02/2023 to date
- Association with SIRR from 10/04/2024 to date
- Qualified as a Professional Biologist, admitted to the National Register of Biologists in Italy since 2022

I authorise the processing of my personal data in the CV pursuant to art. 13 Legislative Decree no. 196 of 30 June 2003 –

"Personal Data Protection Code" and art. 13 GDPR 679/16 - "European Personal Data Protection Regulation".

Autorizzo l'ISS e l'Associazione NanoItaly al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679"

Roma, 15/7/2025