

Dr Giulia Nicole Baldrighi
✉ giulia.baldrighi@utu.fi; giulianicole.baldrighi01@universitadipavia.it
mobile: +39 3279903224
🌐 github.com/giulnicole

Current academic position

Postdoctoral researcher - Division of Clinical Neurosciences

Itäinen pitkäkatu 4A, 20520 Turku

University of Turku

from February 2025

Medical Statistics Resident - Public Health, Experimental and Forensic Medicine

Policlinico San Matteo Viale Forlanini 5, 27100 Pavia

University of Pavia

from November 2024

Affiliations

Division of Clinical Neurosciences, University of Turku, Turku, Finland

Turku PET Center, Turku University Hospital, Turku, Finland

Public Health, Experimental and Forensic Medicine, University of Pavia, Pavia, Italy

Education

Bachelor's degree Biological Sciences

University of Pavia

2016-2019

Master's degree Biostatistics

University of Milano-Bicocca

2019-2021

Ph.D. curriculum Data Science in Biomedicine

University of Pavia

Psychology, Neuroscience and Data Science XVII cycle

2021-2024

Visitng Ph.D - Biostatistics, Public Health

University of Copenhagen

2022

Erasmus Traineeship Ph.D. student - Center for Basic and Metabolic Research

University of Copenhagen

Novo Nordisk Foundation

2023

Academical experience

Tutoring activity University of Pavia

March 2019 – April 2025

- Optical microscopy in botany (Earth and Environmental Sciences, 2019, 20hh)
- Applied statistics and informatics for medical research (Dentistry, Department, 2021-2022, 10hh)
- Applied statistics and informatics for medical research (Dentistry Department, 2022-2023, 75hh)
- Advanced statistics, medicine enhanced by engineering technologies course (MEET, 2023, 10hh)
- Statistics and informatics applied for medical research (Dentistry Department, September 2023-2024, 75hh)
- Statistics and informatics applied for medical research (Faculty of Dentistry, 2024, 10hh)
- Environmental Statistics and Modelling (Biology and Biotechnology Department, 2025, 25hh)

Academic teaching, Master in Genomic Data Science

October 2022 – June 2024

- Genetic statistics and imputation methods for genetic data (2022, 2023, 2024)
- GWAS analysis (2024)
- Software for genetics (2024)

Advanced formation

- **Reproducibility in bioinformatics:** Physalia-courses, July 2022
- **Developing R/Bioconductor packages:** Physalia-courses, November 2023

Languages

Italian (native language), **English** (B2), **Spanish**(A2), **German** (A1)

Technical Skills

Programming skills: Bash, R, MATLAB, STATA, SAS
Software for bioinformatics

Awards

- **2022 Collegio Ghislieri Alumna:** Scholarship from Fondazione Ghislieri (Ca' della Paglia), Pavia, ITA
- **2023 Collegio Ghislieri Alumna:** Scholarship from Fondazione Ghislieri (Ca' della Paglia), Pavia, ITA
- **2023 Erasmus Traineeship Scholarship**
- **2024 Collegio Ghislieri Alumna:** Scholarship from Fondazione Ghislieri (Ca' della Paglia), Pavia, ITA

Conferences

Italian Society of Human Genetics, SIGU Congress Poster	Sept, 2022 <i>Trieste, Italy</i>
Genomic of brain disorders conference- Wellcome Connecting Science Campus Poster	May, 2023 <i>Cambridge, UK</i>
European Society of Human Genetics, ESHG Congress Poster	June, 2023 <i>Glasgow, UK</i>
European Society of Human Genetics, ESHG Congress Poster	June, 2024 <i>Berlin, Ger</i>
Italian Society of Medical Statistics and Clinical Epidemiology, SISMEC Congress Oral presentation	Sept, 2024 <i>Modena, Italy</i>
Italian Society of Human Genetics, SIGU Congress Poster	Sept, 2024 <i>Padova, Italy</i>