

Lorenzo Fabbri

Summary

I am a PhD student at the Barcelona Institute for Global Health (ISGlobal). I work under the supervision of Prof. [Martine Vrijheid](#). My main topic of interest is the use of modern Causal Inference methods to answer questions in the broad field of Environmental Neuroepidemiology. I am also profoundly interested in Open Science and Reproducible Research.

I received my Bachelor's degree in Biotechnology and my Master's degree in Quantitative and Computational Biology. My personal webpage is [here](#). You can also find me on [Twitter](#), [Bluesky](#), [Mastodon](#), and [GitHub](#).

Working Experience

PhD Student	
Barcelona Institute for Global Health (Barcelona, ES)	2021 - Present
Student Research Assistant Fellowship	
Università della Svizzera italiana (Lugano, CH)	2017 - 2017

Funding

Meritatamente 2022	
Società Unione Mutuo Soccorso (San Marino, SM)	2022
Erasmus+ Traineeship Programme Scholarship	
University of Trento (Trento, IT)	2019
Faculty of Informatics Scholarship	
Università della Svizzera italiana (Lugano, CH)	2016
Erasmus Traineeship Programme Scholarship	
University of Parma (Parma, IT)	2015

Honors and Awards

Outstanding Abstract by a Student	
International Society for Environmental Epidemiology	2022

Publications

1. Fabbri L, Garlantézec R, Audouze K, et al. Childhood exposure to non-persistent endocrine disrupting chemicals and multi-omic profiles: A panel study. *Environment International*. Published online February 26, 2023:107856. doi:[10.1016/j.envint.2023.107856](#)
2. Thiel C, Cordes H, Fabbri L, et al. A Comparative Analysis of Drug-Induced Hepatotoxicity in Clinically Relevant Situations. *PLOS Computational Biology*. 2017;13(2):e1005280. doi:[10.1371/journal.pcbi.1005280](#)

Conference Presentations

Childhood exposure to non-persistent endocrine disrupting chemicals and multi-omic profiles: a panel study	
	2022

Childhood exposure to non-persistent endocrine disrupting chemicals and multi-omic markers in a population-based child cohort

2022

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ABCPy for PASC

2021

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Childhood exposure to non-persistent endocrine disrupting chemicals and multi-omic markers in a population-based child cohort

2021

Education

PhD Programme in Biomedicine
Universitat Pompeu Fabra (Barcelona, ES)

2021 - Present

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M.Sc. in Quantitative and Computational Biology
Università degli Studi di Trento (Trento, IT)

2017 - 2019

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M.Sc. Student in Computational Science
Università della Svizzera italiana (Lugano, CH)

2016 - 2017

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B.Sc. in Biotechnology
University of Parma (Parma, IT)

2012 - 2016

Continuing Education

Spring School in Causal Inference with Observational Data
Causal Insights, Leeds (UK)

Apr 2022

Computational Bayesian methods using brms in R
Physaliacourses, online

Feb 2022

ELIXIR Omics Integration and Systems Biology
National Bioinformatics Infrastructure Sweden, online

Sep 2021

Fundamentals of Epidemiology (EPM101)
LSHTM, online

Sep 2021

Advanced Statistics: Statistical Modelling
Swiss Institute of Bioinformatics, online

Aug 2021

Alpine Exposome Summer School
Inserm and ATHLETE, online

Jun 2021

Metabolomics Data Processing and Data Analysis
University of Birmingham, online

Feb 2021

Mendelian Randomisation
Imperial College London, online

May 2020

Image Analysis and Modeling of Complex Biological Dynamics
University of Wurzburg, Wurzburg (DE)

Sep 2017

Effective High Performance Computing Summer School
CSCS and University of Lugano, Lugano (CH)

Jul 2017

MARVEL School on Variationally Enhanced Sampling
University of Lugano, Lugano (CH)

Feb 2017

Advanced Course in Alternatives to Animal Experimentation
University of Genova, Genoa (IT)

Nov 2015

Service

Students and New Researchers Network
International Society for Environmental Epidemiology

2022 - 2023

Early Career Scientist Working Group
CONsortium of METabolomics Studies

2022 - 2022

Skills