

Lorenzo Fabbri

PHD STUDENT

Barcelona Institute for Global Health

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Research Interests

- Exposomics and Epidemiology
- Multi-Omics Data Integration
- Causal Inference and Bayesian Methods for High-Dimensional Data

Education

University of Trento

M.Sc. IN QUANTITATIVE AND COMPUTATIONAL BIOLOGY (110/110 WITH HONORS)

- Thesis: Machine Learning for Predictive Drug-Induced Hepatotoxicity

Trento, Italy

2017-19

University of Lugano

M.Sc. STUDENT IN COMPUTATIONAL SCIENCE

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Lugano, Switzerland

2016-17

University of Parma

B.Sc. IN BIOTECHNOLOGY (103/110)

- Thesis: Whole-body PBPK Modeling of Valproic Acid

Parma, Italy

2012-16

Continuing Education

Sep 2021 **ELIXIR Omics Integration and Systems Biology** (National Bioinformatics Infrastructure Sweden, Online)

Aug 2021 **Advanced Statistics: Statistical Modelling** (Swiss Institute of Bioinformatics, Online)

Jun 2021 **Alpine Exposome Summer School** (Inserm and ATHLETE, Online)

Feb 2021 **Metabolomics Data Processing and Data Analysis** (University of Birmingham, Online)

May 2020 **Mendelian Randomisation** (Imperial College London, Online)

Sep 2017 **Image Analysis and Modeling of Complex Biological Dynamics** (University of Wurzburg, Wurzburg, Germany)

Jul 2017 **Effective High Performance Computing Summer School** (CSCS and University of Lugano, Lugano, Switzerland)

Feb 2017 **MARVEL School on Variationally Enhanced Sampling** (University of Lugano, Lugano, Switzerland)

Nov 2015 **Advanced Course in Alternatives to Animal Experimentation** (University of Genova, Genoa, Italy)

Working Experience

Skills

Honors and Awards

Publications

C Thiel, H Cordes, L Fabbri, HE Aschmann, V Baier, I Smit, F Atkinson, ...

A COMPARATIVE ANALYSIS OF DRUG-INDUCED HEPATOTOXICITY IN CLINICALLY RELEVANT SITUATIONS

PLoS computational biology

2017

Conference Presentations