



Dr. Fabio Cumbo

Postdoctoral
Researcher at the
Blankenberg Lab,
Center for
Computational Life
Sciences, Lerner
Research Institute of
the Cleveland Clinic,
Cleveland, Ohio, USA

📍 Cleveland, OH, USA

✉ Email

🔍 ResearchGate

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🌐 LinkedIn

🐙 Github

🎓 Google Scholar

📖 PubMed

🆔 ORCID

Curriculum Vitae

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Education and training

- *October 2015 – April 2019*

Ph.D. in Computer Science and Automation Engineering at the Department of Engineering, University of Roma Tre, Rome, Italy with a thesis about "*Data and models integration in biomedical information systems*" (Advisors: Prof Maurizio Patrignani and Dr. Paola Bertolazzi)

- *October 2012 – August 2014*

Master of Science Degree in Software Engineering at the Department of Engineering, University of Roma Tre, Rome, Italy with a thesis about "*Time dynamics of protein complexes in the AD11 transgenic mouse model for Alzheimer's disease like pathology*" (Advisors: Prof. Giuseppe Di Battista and Dr. Paola Bertolazzi)

- *October 2008 – October 2012*

Bachelor's Degree in Software Engineering at the Department of Engineering, University of Roma Tre, Rome, Italy with a thesis about "*Selecting relevant nodes and structures in biological networks. BiNAT: a new plugin for Cytoscape*" (Advisors: Prof. Giuseppe Di Battista and Dr. Paola Bertolazzi)

Working experiences

- *March 2022 - **ongoing***

Postdoctoral Fellow at the [Blankenberg Lab](#), [Genomic Medicine Institute](#), [Lerner Research Institute](#) of the [Cleveland Clinic](#), Cleveland, Ohio, USA.

- *November 2018 – December 2021*

Postdoctoral Fellow at the Segata Lab, [Computational Metagenomics Laboratory](#), Department of Cellular, Computational, and Integrative Biology (CIBIO), University of Trento – Trento, Italy

- *April 2018 – December 2018*

Professional Collaborator at [ACTOR \(Analytics, Control Technologies and Operations Research\) S.R.L.](#), Rome, Italy

- *April 2018 – September 2018*

Ph.D. Fellow at the [Institut für Informatik](#) of the Albert-Ludwigs-Universität Freiburg, Freiburg im Breisgau, Germany

- *March 2017 – March 2018*

Research Lab Assistant at Wartik Laboratory, [Department of Biochemistry and Molecular Biology](#), The Pennsylvania State University, University Park Campus, 16802 PA, Pennsylvania, USA

- *February 2017 – November 2018*

Professional Collaborator and Teaching Assistant at the [Department of Engineering](#), International Telematic University Uninettuno, Rome, Italy

- *September 2016 – March 2017*

Professional Collaborator at the [Institute of Marine Engineering](#) (ex "Marine Technology Research Institute – INSEAN") of the National Research Council of Italy, INM-CNR, Rome, Italy

- *October 2015 – November 2018*

Ph.D. Student at the [Department of Engineering](#), University of Roma Tre, Rome, Italy

- *September 2011 – February 2020*

Research Assistant at the [Institute for Systems Analysis and Computer Science "Antonio Ruberti"](#), National Research Council of Italy, IASI-CNR, Rome, Italy

