

TOMA TEBALDI, PHD

POSITIONS

- **2024 – present** Associate Professor (*Department CIBIO, University of Trento, Italy*) Principal Investigator, Laboratory of RNA and Disease Data Science (www.rdds.it)
- **2021 – present** Assistant Professor Adjunct (*Section of Hematology, Yale Comprehensive Cancer Center, Yale University School of Medicine, New Haven, USA*)
- **2021 – 2024** Assistant Professor (*Department CIBIO, University of Trento, Italy*) Principal Investigator, Laboratory of RNA and Disease Data Science
- **2017 – 2021** Associate Research Scientist (*Yale University School of Medicine, New Haven, USA*)
- **2010 – 2017** Research Fellow (*University of Trento, Italy*)

EDUCATION

- **2010** PhD in Information and Communication Technology (*University of Trento, Italy*)
- **2006** Master Degree in Bioinformatics (*University of Milano Bicocca, Italy*)
- **2003** Bachelor Degree in Biotechnologies (*University of Milano Bicocca, Italy*)

MOBILITY

- **2015** EMBO short fellowship (*School of Informatics, University of Edinburgh, United Kingdom*)
- **2013** International internship (*School of Informatics, University of Edinburgh, United Kingdom*)
- **2009** International Internship (*Harvard Medical School, Boston, USA*)

PROJECT MANAGEMENT EXPERIENCE

- **2021 – current** Multimodal single-cell analysis of hematologic malignancies (*PI, funding from AIRC– MFAG*)
- **2024 – current** Innovative methodologies and cellular models for the study of telomeric and circular RNAs in living cells (RINGTAIL) (*co-PI, funding from the National Center for Gene Therapy and Drugs based on RNA Technology, MUR – PNRR*)
- **2024 – current** Artificial intelligence in single-cell data to identify novel biomarkers in blood cancer (*PI, funded by 12°BANDO di Fondazione VRT Intelligenza Artificiale*)
- **2022 – 2025** Analysis of multimodal single cell and spatially resolved data from pathologically relevant tissues (*supervision of PhD scholarship funded by PNRR*)
- **2018 – 2021** Understanding how RNA methylation shapes hematopoiesis (*PI, Pilot Project Award from the Yale Cooperative Center of Excellence in Hematology YCCEH*)

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

- **2021 – current** 1 Postdoc, 8 PhD, 16 Master, 5 Bachelor Students (*University of Trento, Italy*)

TEACHING ACTIVITIES

- **2024 - present** Proteomics and protein characterization (*Master course, University of Trento*)
- **2023 - present** Biotechnology Challenge (*Master course, University of Trento*)
- **2022 - present** Single Cell and Spatial Omics (*Master course, University of Trento*)
- **2021 – present** Laboratory of Biological Data Mining (*Master course, University of Trento*)
- **2019 - 2023** Artificial Intelligence for Bioinformatics (*PhD course, University of Trento*)
- **2020 – 2023** Algorithms for Bioinformatics (*Master course, University of Trento*)
- **2017 – 2019** Bioinformatics Resources (*Master course, University of Trento*)

INSTITUTIONAL RESPONSIBILITIES

- **2023 – present** Member of the department of Excellence CIBIO board, University of Trento
- **2021 – present** Member of the PhD committee in Biomolecular Sciences University of Trento
- **2019 – present** Research Member of the Yale Cancer Center
- **2018 – present** Member of the Yale Center for Biomedical Data Science
- **2017 – 2021** Editor and board member of the Italian Society of Yale Students and Affiliates