

# Andrea Nicola Mazzarello

Assistant Professor

## EDUCATION AND TRAINING

**April 22<sup>nd</sup>, 2013**

**PhD degree in Biotechnologies**

School of Molecular, Experimental and Clinical Medicine and Biology. University of Genova, Italy

**July 24<sup>th</sup>, 2009**

**Master of Science Degree in Medical, Pharmaceutical and Veterinary Biotechnologies**

University of Genoa, Italy

**September 21<sup>st</sup>, 2007**

**Bachelor of Science Degree in Biotechnologies**

University of Genoa, Italy

## PROFESSIONAL HISTORY

**July 1<sup>st</sup>, 2024**

**Assistant Professor**

University of Genova, Department of Experimental Medicine, Italy

**From April 1<sup>st</sup> 2024 To June 30<sup>th</sup> 2024**

**Fondazione Veronesi Postdoctoral Fellowship**

University of Genova, Department of Experimental Medicine, Italy

**From March 31<sup>st</sup> 2022 To March 31<sup>st</sup> 2024**

**Marie Skłodowska-Curie Actions (MSCA) Fellow**

University of Genova, Department of Experimental Medicine, Italy

**May 3<sup>rd</sup> 2019 to December 15<sup>th</sup> 2021**

**Instructor (Junior Faculty)**

The Feinstein Institute for Medical Research, Northwell Health System. 350 Community Drive, Manhasset, New York.

June 22<sup>nd</sup> 2013 to May 2<sup>nd</sup> 2019

**Postdoctoral research**

The Feinstein Institute for Medical Research, Northwell Health System.350 Community Drive,  
Manhasset, New York

## ACADEMIC APPOINTMENTS

2025

**Member of the committee for the PhD Course in Translational Medicine Biotechnologies**

University of Genova, Department Experimental Medicine

2025

**Member of the council for the BSc course in Biotechnologies and the MSc course in Medical-Pharmaceutical Biotechnology.**

Since 2024

**Tenured Professorship**

Anatomy of the Stomatognathic System – Dental Hygiene Course

Neuroanatomy – Dental Hygiene Course

Human Anatomy – Biotechnologies Course

Human Anatomy – Nursing Course

University of Genova, Department Experimental Medicine

2022-2024

**Contracted Professorship**

Anatomy of the Stomatognathic System – Dental Hygiene Course

Neuroanatomy – Dental Hygiene Course

University of Genova, Department of Surgical Sciences and Integrated Diagnostics

## EXPERIENCE

### MAIN SEMINARS

2023

V Interregional Event: A new railway connecting research to clinic in chronic lymphocytic leukemia, Torino, Italy

2023

Young Investigator Meeting - International Workshop on chronic lymphocytic leukemia (iwCLL), Boston, USA

**2022**

IV Interregional Event: A new railway connecting research to clinic in chronic lymphocytic leukemia, Genoa, Italy

**2020**

Seminar Cycle 2020 - IRCCS Ospedale Policlinico San Martino, Genova, Italy

**2017**

Plenary Session - International Workshop on chronic lymphocytic leukemia (iwCLL), New York, USA

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

**2025** Investigation of the Functional Dichotomy of IgM and IgD B cell Receptors Signaling in the Progression and Insurgence of Treatment Resistance of Chronic Lymphocytic Leukemia.  
**Guido Berlucchi Foundation**

**2024** Dissection and exploitation of the membrane IgM and IgD differential signaling controlling progression and drug-resistance in Chronic Lymphocytic Leukemia.  
**Umberto Veronesi Foundation**

**2022** B cell receptor engagement and signaling in chronic lymphocytic leukemia: identify the structural and functional requirements for disease development and progression.  
**European Union - Horizon 2020 MSCA-IF-EF-RI**

**2015** Immunoglobulin heavy chain isotype affects antibody reactivity and affinity and can lead to unabated B-cell stimulation in CLL.  
**Lauri Strauss Leukemia Foundation**

**2014** Associate human chronic lymphocytic leukemia B-cell receptor three-dimensional structure with epitope binding.  
**Lauri Strauss Leukemia Foundation**

**2012** Define the epitopes recognized by a large panel of recombinant Fabs derived from CLL B cells.  
**Italian Foundation for Cancer Research**

TEACHING OR RESEARCH POSITIONS (FELLOWSHIPS) AT FOREIGN UNIVERSITIES AND RESEARCH INSTITUTES

**May 3<sup>rd</sup> 2019 to December 15<sup>th</sup> 2021**

**Instructor (Junior Faculty)**

The Feinstein Institute for Medical Research, Northwell Health System. 350 Community Drive, Manhasset, New York.

**June 22<sup>nd</sup> 2013 to May 2<sup>nd</sup> 2019**

**Postdoctoral research**

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EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

**From 2025** - Member of the Italian Society of Anatomy and Histology (SIAI)

**From 2023** - Member of the European Research Initiative on Chronic Lymphocytic Leukemia (ERIC)

**From 2022** - Member of the Editorial board of Frontiers in Oncology - Hematologic Malignancies section

**2022** - Molmenti's Kidney and Pancreas Transplantation: Operative Techniques and Medical Management Second Edition). Published by Mc Graw Hill - AccessSurgery.

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

**2023** Travel Scholarship - International Workshop on chronic lymphocytic leukemia (iwCLL)

**2017** Abstract Achievement Award (American Society of Hematology)

**2015** Postdoctoral Excellence in Research Award (FIRM)

**2009** Laude and Right of Publication at the University of Genoa (Italy).