

Gabriella Pietra

Associate Professor

EDUCATION

2002

PhD in Immunology and Clinical Allergology

University of Genoa

1997

Medical Specialization Diploma in Allergology and Clinical Immunology

(laboratory address)

University of Genoa

1994

Qualification to the profession of Biologist

1992

Master's degree in Biological Sciences

University of Genoa

1987

High School Diploma in Foreign Languages

G. Deledda High School (Genoa)

ACADEMIC EXPERIENCE

1998-2001

Holder of a four-year scholarship related to the PhD Course in Clinical and Experimental Immunology

University of Genoa

2006-2019

Permanent Assistant Professor (RTI)

DiMES, University of Genoa

2013- to date

Participation of the Academic Board of the PhD course in Clinical and Experimental Immunology

University of Genoa

2019- to date

Associate Professor

DiMES, University of Genoa

ACADEMIC APPOINTMENTS

2019- to date

Coordinator of the ETIOPATHOLOGY course in the Bachelor's Degree Course in Dental Hygienists (CLID).

University of Genoa

2019-2024

Member of the Teaching Committee of the Department of Experimental Medicine (DiMES)

University of Genoa

2021-2022

Deputy member of the research committee of the Department of Experimental Medicine (DiMES) (as GEV)

University of Genoa

2025 – present

Member of the Board of the Department of Experimental Medicine (DiMES)

University of Genoa

TITLES

MAIN SEMINARS

2004

CMV and NK-CTL. *Jam session on CMV Immunology.*

Institution: Giannina Gaslini Institute.

2004

NK-CTL: a novel HLA-E-restricted T cell subset.

Ente: The University of Western Australia (Perth, Australia).

2015

Participation as a speaker at the scientific training event of update:
"PRECEPTORSHIP in RESPIRATORY BIOLOGICS".

SEMINAR TITLE: Innate Immunity Lymphoid Cells (ILCs) and Their Role in Allergic Diseases and Asthma.

Institution: IRCCS San Martino Polyclinic Hospital.

SCIENTIFIC RESPONSIBILITY FOR INTERNATIONAL AND NATIONAL RESEARCH PROJECTS, ELIGIBLE FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS FOR PEER-REVIEWED

2007

PRIN 2007/ project 2007473C72_002: Mesenchymal stem cells: from interactions with the immune system to clinical application (PI Prof. Locatelli). Prof. PIETRA: Head of the Operating Unit
Institution: Miur

2008

Strategic Project: Immunoresponse against cancer: identification of targets for new therapeutic approaches. Dr. PIETRA: Head of the Operating Unit.
Organization: Ministry of Health

2008

My First AIRC grant-Program 2008-2010: Cancer stem cells: analysis of their interactions with NK cells and identification of new markers. Dott.ssa PIETRA: PI.
Organization: AIRC

2016

Progetto Ricerca Finalizzata: Project Code:RF-2016-02362288. **Titolo:** Molecular and immunological evolution of BRAF-Mutated metastatic melanoma patients receiving targeted therapy followed by immune checkpoint blockade: integration of intrinsic and extrinsic resistance mechanisms. **PI:** Queirolo Paola, **UO3 coordinatore:** Pietra Gabriella
Organization: Ministry of Health

2018

Progetto Ricerca Finalizzata: RF-2018-12366714 Titolo Progetto: "Study of the mechanisms regulating NK cell infiltration and function in bone metastases induced by cancer stem cells of non-small cell lung cancer in view of novel effective therapeutic approaches". Principal Investigator: MASSIMO VITALE- **co-PI** Gabriella Pietra.
Organization: Ministry of Health

TEACHING OR RESEARCH ASSIGNMENTS (FELLOWSHIPS) AT QUALIFIED FOREIGN OR SUPRANATIONAL UNIVERSITIES AND RESEARCH INSTITUTES

2013

Period of study and research activity as "**Visiting academic**" at the laboratory of Prof. AG Brooks
Ente: University of Melbourne, Parkville (VIC) (AUSTRALIA).

AWARDS AND RECOGNITIONS FOR SCIENTIFIC ACTIVITY, INCLUDING AFFILIATION TO ACADEMIES OF RECOGNIZED PRESTIGE IN THE SECTOR

2004

Winner of an Honourable Mention San Raffaele H Research and an award for the following work: "HLA-E-restricted recognition of cytomegalovirus-derived peptides by human CD8+ cytolytic T lymphocytes" by G. Pietra et al., PNAS, 2003.
Institution: San Raffaele H Research

2004

Winner of the "2004 Gerolamo Gaslini Young Investigator Award" and an award.

Organization: G. Gaslini Foundation

2018

Premio AIBT per il seguente abstract: "Role of HLA-E-restricted CD8+ T cells in transplantation". European Immunogenetics Conference and Histocompatibility 32nd Joint Conference EFI-AIBT 25th Annual Meeting of the Italian Society for Immunogenetics and Transplantation Biology (AIBT). Venice lido, May 9-12, 2018.

Duck: AIBT

OTHER TITLES

PARTICIPATION IN JOURNAL EDITORIAL BOARDS

"Immunology Letters" Editorial Board

<https://www.journals.elsevier.com/immunology-letters/editorial-board>

F1000 Prime Associate Faculty member [Gabriella Pietra - F1000](#)

<https://f1000.com/prime/thefaculty/member/9999995421945458>

Associate Editor Frontiers in immunology (T cell biology section)

<https://www.frontiersin.org/journals/immunology/editors>