

Giuseppe Murdaca

Associate Professor

EDUCATION AND TRAINING

1993

M.D. Degree, cum laude

University of Genova

1999

Allergology and Clinical Immunology Speciality certification

University of Genova

2003

PhD in Sciences and Space Engineering

University of Genova

PROFESSIONAL HISTORY

2006-2017

Assistant Professor-Internal Medicine

Department of Internal Medicine (DIMI)

University of Genova

From 2017

Associate Professor-Internal Medicine

Department of Internal Medicine (DIMI)

University of Genova

2024

Winner of the selection process for one full professor position in Internal Medicine

Department of Internal Medicine (DIMI)

University of Genova

ACADEMIC APPOINTMENTS

2013-2015

Member of the Joint Committee for Teaching and the Right to Education at the School of Medical and Pharmaceutical Sciences

University of Genova

2015-2021

Member of the Board of the Department of Internal Medicine (DIMI) as a faculty representative

University of Genova

2015-2017

Member of the Joint Committee for Teaching and the Right to Education at the School of Medical and Pharmaceutical Sciences

University of Genova

2015-2017

Member of the Joint University Commission for Teaching and the Right to Education

University of Genova

[2017-2022](#)

Head of Quality Assurance (QA) of the Department of Internal Medicine (DIMI)
University of Genova

[2017-2022](#)

Member of the Quality Assurance Committee for the Degree Course in Medicine and Surgery
University of Genova

[2017-2022](#)

Member of the Quality Assurance Commission of the School of Medical and Pharmaceutical Sciences
University of Genova

[2017-2023](#)

Coordinator of the Degree Course in Orthopedic Techniques Academic three-year period
11/1/2017-10/31/2020 and 11/1/2020-10/31/2023
University of Genova

[2017-2023](#)

Coordinator of the Quality Assurance Committee for the Degree Course in Orthopedic Techniques Academic three-year period 11/1/2017-10/31/2020 and 11/1/2020-10/31/2023
University of Genova

[2017-2023](#)

Coordinator of the Teaching Committee for the Degree Course in Orthopedic Techniques Academic three-year period 11/1/2017-10/31/2020 and 11/1/2020-10/31/2023
University of Genova

[From 2017](#)

Coordinator of the Commission for the Organization of Professional Teaching for the Degree Course in Medicine and Surgery
University of Genova

[2018-2021](#)

Coordinator of the Degree Course in Speech Therapy Three-year academic period
11/1/2018-10/31/2021
University of Genova

[2018-2021](#)

Coordinator of the Quality Assurance Committee for the Degree Course in Speech Therapy Academic three-year period 11/1/2018-10/31/2021
University of Genova

[2018-2021](#)

Coordinator of the Teaching Committee for the Degree Course in Speech Therapy Academic three-year period 11/1/2018-10/31/2021
University of Genova

[2018-2021](#)

Member of the Council of the School of Medical and Pharmaceutical Sciences
University of Genova

[From 2019](#)

Coordinator of the Steering Committee in Biomedical Sciences – ISB of IANUA – Higher School
University of Genova

[2019-2020](#)

Coordinator of the Organizing Committee and Professor of the Specialization School in Allergology and Clinical Immunology
University of Genova

[From 2021](#)

Member of the University Teaching Committee
University of Genova

[From 2022](#)

Member of the Joint Teacher-Student Commission of the School of Medical and
Pharmaceutical Sciences
University of Genova

[From 2025](#)

Member of the Library Board of the School of Medical and Pharmaceutical Sciences
University of Genova

EXPERIENCE

MAIN SEMINARS

[2012](#)

Scientific director of the refresher course: "Healthcare-related infections: methods and tools
for prevention"

IRCCS-Azienda Ospedaliera Universitaria "San Martino"-IST-Genova

[2013](#)

Scientific Director of the Refresher Course: "Guidelines for the Correct Use of Blood
Components and Blood Products"

IRCCS-Azienda Ospedaliera Universitaria "San Martino"-IST-Genova

[2014](#)

Member of the scientific secretariat of the refresher course: "Antimicrobial stewardship - a
guide to the appropriate use of antibiotics"

IRCCS-Azienda Ospedaliera Universitaria "San Martino"-IST-Genova

[2017](#)

Scientific director of the Workshop "Vaccination and autoimmune diseases: from theory to
practice". 51st Annual Scientific Meeting of the European Society for Clinical Investigation
(ESCI)

Genova, 05/17-19/2017

[2018](#)

Member of the scientific secretariat of the conference: "Systemic autoimmune diseases: new
therapeutic strategies"

Hotel Continental-Genova, 9/20/2018

[2024](#)

Member of the scientific secretariat of the conference: "XXXII Congress of the Italian Society
of Internal Medicine (SIMI) - Piedmont, Liguria, Valle d'Aosta Section"

Genova, 6/25-26/2024

[2025](#)

Scientific director of the conference: "Hospital-Territory Synergy in Allergies and Chronic
Respiratory Diseases"

Sarzana, 4/12/2025

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

Editorial Board Member of several scientific journals including:

International Journal of Molecular Sciences (molecular immunology section)

Disease Markers (Associate Editor)

Biomedicines

Frontiers in immunology (Associate Editor of the “specialty section”: Autoimmune and Autoinflammatory Disorders)

Progress in Immunology (Chief Section Editor of the section: Vaccines)

Expert Review of Clinical Immunology

Frontiers in Bioscience-Landmark (Associate Editor)

Frontiers in Molecular Biosciences (the Journal) (Associate Editor)

Vaccines (Clinical Immunology section)

BMC Immunology

Human Immunology

Frontiers in Drug Delivery (Review Editor for Hepatic Drug Delivery)

Frontiers in Medicine (Review Editor for Rheumatology)

Lead Guest Editor per “Special Issue”

2013

Autoimmune Diseases (Special Issue: Lupus Nephritis: Diagnostic Approach, Management, and Current Treatment)

2019

International Journal of Molecular Sciences (Special Issue: IL-33/IL-31 Axis” in Allergic and Immune-Mediated Diseases)

2020

International Journal of Molecular Sciences (Special Issue: Vitamin D and Microbiota)

2021

International Journal of Molecular Sciences (Special Issue: Interleukins in Allergic and Immune-Mediated Diseases: A Cascade of Multiple Shadows)

2021

Biomedicines (Special Issue: Vitamin D in Health and Disease)

2022

Biomedicines (Special issue: The Role of Alarmins in Human Pathologies: Impact on Diagnostic and Therapeutic Approaches)

2022

Biomedicines (Special issue: 10th Anniversary of Biomedicines Immunopathogenesis of Autoimmune Diseases)

2022

Biomedicines (Special issue: Involvement of Pro-inflammatory Mediators in Chronic Inflammatory Diseases and Related Psychiatric Disorders)

2022

Biomedicines (Special Issue: Vitamin D in Health and Disease 2.0)

2022

International Journal of Molecular Sciences (Special Issue: Interleukin in Allergic and Immune-Mediated Diseases)

2022

Biomedicines (Special issue: Editorial Board Members Collection Series: Utilization of Immune Checkpoint Inhibitors: Past, Present and Future Therapeutics in Cancer)

2023

Frontiers in Bioscience-Landmark (Special issue: Immunology in COVID-19 disease)

[2023](#)

Frontiers in Bioscience-Landmark (Special issue: Role of Vitamin D in Chronic disease)

[2023](#)

International Journal of Molecular Sciences (Special Issue: Artificial Intelligence and Immune-Mediated Diseases)

[2023](#)

International Journal of Molecular Sciences (Special Issue: miRNAs in Carcinogenesis of Solid and Hematological Malignancies)

[2023](#)

Biomedicines (Special Issue: The Roles of Circular RNAs in Immune Responses and Immune Diseases)

[2023](#)

Biomedicines (Special Issue: Autoimmune Diseases and Immune Modulation: Current Research and Future Outlook)

[2023](#)

Biomedicines (Special Issue: Vitamin D in Health and Disease 3.0)

[2024](#)

Biomedicines (Special Issue: Advanced Research in Secondary Immunodeficiency in Oncohematological Diseases)

[2024](#)

Frontiers Topic Editor: Study on Immune Mechanism and Immune Intervention in Connective Tissue Diseases

[2025](#)

International Journal of Molecular Sciences (Special Issue: Artificial Intelligence: Applications in the Field of Immune-Mediated Inflammatory Diseases and Onco-Hematology)

Ebook editor:

[2022](#)

Challenges and Advances in Pharmaceutical Research Vol. 8 (published by B P International: October 26, 2022)

[2023](#)

Current Overview on Pharmaceutical Science Vol. 3. (published by B P International: January 7, 2023)

[2023](#)

Current Overview on Pharmaceutical Science Vol. 2. (published by B P International: January 12, 2023)

[2023](#)

Novel Aspects on Pharmaceutical Research Vol. 6 (published by B P International: July 25, 2023)

He works as a reviewer for numerous international scientific journals including:

Human Immunology, Atherosclerosis, Expert Opinion on Drug Safety, The American Journal of Medicine, Cancer Epidemiology, The Lancet, Vaccines, The Journal of Rheumatology, PLOS ONE, AIDS/HIV, Diagnostics, Frontiers in immunology, [International Journal of Molecular Sciences](#), Biomedicines, Plos One, Bioengineering.

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES**2001**

Study Award for Young Researchers, awarded by GILS, with the following motivation: "Standardization of a method for assessing skin damage using plicometry", presented on the occasion of the "VII Italian Day for the Fight against Scleroderma" (Milan, 3/17/2001).

2004

Award for one of the three best oral communications at the IX Interregional SIMI Piedmont-Liguria and Valle D'Aosta Congress (Genoa, 17/6/2004): Murdaca G., Fenoglio D., Setti M., Brenzi S., Villa R., Pontali E., Kunkl A., Indiveri F., Puppo F. "Generation of CD4+ lines specific for Pneumocystis carinii and Candida albicans obtained from HIV+ patients. Significance of the coexpression of IFN- γ and IL-4".

OTHER EXPERIENCES**2019**

Appointment as Evaluation Expert for activities related to the initial and periodic accreditation of degree courses and university locations (resolution no. 59 of 03/06/2019 of the ANVUR Board of Directors; term ends 12/31/2019)

2020-2022

GEV member of the scientific area 06 for the performance of evaluation activities within the VQR 2015-2019 exercise (resolution no. 197 of 8 October 2020 of the ANVUR Board of Directors; term ends 06/30/2022)

2022

Appointment of AVA Evaluation Expert for activities related to the initial and periodic accreditation of degree courses and university locations

2023

President of a PEV commission

From 2023

Member of the PEV/CEV responsible for carrying out periodic and/or initial accreditation activities of universities and/or study courses (resolution of the ANVUR Board of Directors no. 59 of 03/21/2023)

From 2025

Member of the Register of Experts to be used as external auditors for the 2020-2024 VQR.

Assignments received as an expert from foreign institutions

[2020](#)

External Reviewer in Medical Research Center (MRC) at Hamad Medical Corporation for a grant application: "Cloning of B cells secreting anti-SARS-CoV-2 neutralizing antibodies and large-scale production of coronavirus-specific monoclonal antibodies from COVID-19 recovered patients".

[2020](#)

External Reviewer in Medical Research Center (MRC) at Hamad Medical Corporation for a grant submission from Junior Investigator Category titled "IRGC-07-JI-20-741 – Pancreatic mRNA and Growth Differentiation factor as predictors for identifying gestational diabetes mellitus (GDM) and metformin treatment in pregnant women"

[2023](#)

External Reviewer for the proposal "ModuloCATS" for French National Research Agency (ANR) AAPG

[2024](#)

Membro di "expert commissions for accreditation of study programs and re-accreditation of higher education institutions of Agency for Control and Quality Assurance of Higher Education of Montenegro"