

Simona Sivori

Full Professor

EDUCATION AND TRAINING

1999

Ph.D. in Immunological Sciences

Thesis title: Activating receptors of human Natural Killer cells

Supervisor: Prof Alessandro Moretta

University of Genova – Genova – IT

1993 – 1995

AIRC research fellow

University of Genoa - Institute of General Histology and Embryology – Genova – IT

1992 - 1993

Internship

University of Genoa - Institute of General Histology and Embryology – Genova – IT

1991

Degree in Biological Sciences

Thesis title: Isolation, purification and characterization of the exopolysaccharides produced by *Alteromonas* sp.

University of Genova – Genova – IT

1987

High school diploma

Liceo Scientifico Statale “G. Marconi” - Chiavari (GE) - IT

PROFESSIONAL HISTORY

December 2018 - present

Full professor of Human Histology and Embryology

University of Genova – School of Medical and Pharmaceuticals Sciences - DIMES - Genova – IT

October 2014 – November 2018

Associate professor of Histology

University of Genova – School of Medical and Pharmaceuticals Sciences - DIMES - Genova

January 2004 – September 2014

Assistant professor of Histology

University of Genova – School of Medical and Pharmaceuticals Sciences - DIMES - Genova

1998 - 2003

Post-doctoral fellow

University of Genova – Genova – IT

ACADEMIC APPOINTMENTS

1 July 2024 – present

Deputy Director of the Department of Experimental Medicine (DIMES)

University of Genova – Genova – IT

2024 – present

Member of the Department Board (DIMES)

University of Genova – Genova – IT

1 November 2021 – present

Member of the Council of the Medical and Pharmaceutical Sciences School

University of Genova – Genova – IT

14 April 2021 – present

Member of the Ph.D. Committee of University of Genova

University of Genova – Genova – IT

October 2020 – present

Coordinator of the Ph.D. Program in Clinical and Experimental Immunology

University of Genova – Genova – IT

22 February 2018 - present

Head of the Histology Section - DIMES

University of Genova – Genova – IT

2013 - present

Member of the Committee for Animal Welfare (OPBA)

University of Genova – Genova – IT

2014 – 31 December 2020

Member of the Board - Center of Excellence for Biomedical Research (CEBR)

University of Genova – Genova – IT

12 July 2012 – 31 October 2019

Member of the Department Board (DIMES)

University of Genova – Genova – IT

EXPERIENCE

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

2018 – present AIRC 5x1000 – Group Leader

Immunity in Cancer Spreading and Metastasis (ISM) - n. 21147

Associazione Italiana per la Ricerca sul Cancro (AIRC) – IT

2019 - 2023 PRIN2017 - Group Leader

Innovative approaches with genetically modified immune cells to target hematological malignancies - Prot. 2017WC8499_004

MUR – IT

2018 - 2022 AIRC-IG 2017 - Principal Investigator

Checkpoint inhibitors regulate anti-tumor responses by human NK cells - n. 20312

Associazione Italiana per la Ricerca sul Cancro (AIRC) – IT

2014 - 2015 Progetto di ricerca di Ateneo 2013 - Principal Investigator

The role of KIR-activating receptors in anti-tumor and anti-viral NK-mediated response -

Prot. N°9563 – 28/4/2014

University of Genova - Genova – IT

2009 - 2011 My First AIRC grant - 2008 - Principal Investigator

Analysis of NK cell function in tumor microenvironment - n. 6383

Associazione Italiana per la Ricerca sul Cancro (AIRC) – IT

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

2022 – present Associate Editor for NK and Innate Lymphoid Cell Biology

Frontiers in Immunology

2021 – present Section Editor for Immunology Letters, published by Elsevier as the official journal of the European Federation of Immunological Societies (EFIS)

2020 – present Editorial board member

Cancers

2013 – 2022 Guest Editor for NK and Innate Lymphoid Cell Biology

Frontiers in Immunology

PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND COMMERCIALISATION OF ACADEMIC PATENTS

7 December 2023 Patent: *New monoclonal antibody for the selective expansion of NKG2C+ NKG2A- adaptive NK lymphocytes and method thereof*

Inventors: Sivori Simona, Della Chiesa Mariella, Giordano Chiara, Carlomagno Simona, Chiara Setti

Applicant: Università degli Studi di Genova

Priority: IT202300026241A.2023-12-07

Application: IB2024061837W.2024-11-26

Publication: WO2025120448A1.2025-06-12

7 May 2021 – 18 May 2023 License agreement

with Ansun Biopharma Inc (San Diego, CA)

1 March 2020 – 06 May 2021 License agreement

with Sandhill Therapeutics Inc (Dallas, Texas)

2 October 2018 – 30 June 2021 Consulting Services Agreement

with Sandhill Therapeutics Inc (Dallas, Texas)

OTHER EXPERIENCES

1 February 2023 – present President of the Scientific Committee of CDIE

Human Histology and Embryology Teaching Board (Scientific Society recognized by the Ministry of Health)

May 2003 – December 2003 Contract for research projects in Immunology

“G. Gaslini” Institute – Genova – IT

2001 Contract for research projects in Immunology

“G. Gaslini” Institute – Genova – IT