

Personal Data: Alessandro Poggi, MSc, [REDACTED]

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website:

<https://www.ospedalesanmartino.it/ospedale/dipartimenti/in-line-direttore-scientifico/item/388-oncologia-molecolare-e-angiogenesi.html>

ORCID: <https://orcid.org/0000-0002-1860-430X><https://www.scopus.com/authid/detail.uri?authorId=7101947825>; Scopus ID

7101947825; Scopus Index: 56

#### Education

1982: Degree in Biology, University of Genoa, Italy (110/110 cum laude).

1983-1987: Specialization in General Pathology, University of Genoa (70/70 cum laude).

1993-2000: Medical Doctor and Surgery degree, University of Genoa, Italy (110/110 cum laude).

2004: Specialization in Allergology and Clinical Immunology, University of Genoa (50/50 cum laude).

2013: Scientific qualified as full professor in Molecular Oncology and in Clinical Pathology

#### Technical skills and competences

The personal technical skills can be determined looking at the publications present in PUBMED. Herein a brief summary is given. Isolation and culture of thymocytes, thymic epithelial cells, human umbilical endothelial cells, mesenchymal stromal cells from healthy and tumor tissue (bone marrow, lymph nodes, tonsils, mucosae), lymphocyte subsets (T $\alpha$  $\beta$  CD4+ CD8+, T $\gamma$  $\delta$  B, NK), monocytes, dendritic cells, innate lymphoid cells. Cloning of lymphocyte subsets (T $\alpha$  $\beta$ , T $\gamma$  $\delta$ ). Functional assays for cytotoxicity (<sup>51</sup>Cr release, BADTA-europium, crystal violet, AV-PI), apoptosis, cytokine expression and release, proliferation (<sup>3</sup>HThymidine uptake, CFSE labelling, PI-cell cycle, MTT). Multiparametric flow cytometry assays, conventional and confocal microscopy. 3D culture (spheroids, organoids, repopulations of artificial scaffolds) of healthy and tumor cells. Production and characterization of monoclonal antibodies. Generation of antibody drug conjugates. Reviewer and Section-Editor of several scientific journal, PI of several research projects funded upon selection. Prof at University of Genoa, Molecular Oncology and Immunology (Biotechnology course) Clinical Pathology (TLSB course)

#### PUBLICATION

He is author of 250 original articles published on indexed scientific journals. Herein a selection of recent ones.



Firmato

Genoa, 18<sup>th</sup> September 2024