

Erika ORTOLAN

Curriculum Vitae

Personal Data

Born January 27, 1973, in Ivrea, Torino, Italy
Italian citizen

Contacts:

Laboratory of Immunogenetics
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University of Torino
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Education and Academic qualifications:

2009: Clinical Specialization in Medical Genetics, University of Torino Medical School
(final score: 70/70 *Magna cum Laude*). Reference: N. Migone, Professor of Medical Genetics
2005: Ph.D. in Human Oncology, University of Torino Medical School.
Reference Ph.D. program: M. Aglietta, Professor of Human Oncology.
2002: Qualifying examination for profession of biologist at the University of Torino
2000: Master Degree in Biological Sciences, University of Torino
(final score: 110/110 *Magna cum Laude*, Special Honors)

Positions and Employment:

Current:

December 2006- permanent full-time faculty position as Research Technicians at the University of Torino Medical School, Torino, Italy

Past:

2006-2007 Post-doc Researcher: "Functional role of the ADP- ribosyl cyclase (CD38/CD157) gene family in the pathogenesis of the Paroxysmal Nocturnal Hemoglobinuria". Reference: A. Funaro, Professor of Medical Genetics, University of Torino
2004-2006 Post-doc Researcher: "Receptors and genes involved in the normal and pathological cellular regulation" Reference: F. Malavasi, Professor of Human Genetics University of Torino
2000-2004 Ph.D. student. Reference Ph.D. program: M. Aglietta, Professor of Human Oncology
1997-2000 Internal student, Laboratory of Immunogenetics, Dept. of Genetics, Biology and Biochemistry, University of Torino.

Teaching activity:

2003-today tutorial activities and lectures for the courses of Medical and Molecular Genetics at the Biotechnology Faculty and at the School of Nursing University of Torino.
Supervision of the activity of graduate and Ph.D. students.

Technical expertise:

Molecular biology and mammalian cell culture techniques, cell imaging, proteomic, immunological techniques, production of human and murine monoclonal antibodies, establishment of primary cultures, molecular and functional analysis of surface molecules by flow cytometry, laser scanning confocal- and video- microscopy.

Research support as Principal Investigator:

- Sponsor: *Italian Ministry of Education, Universities and Research (MIUR)*
2016 Ricerca Locale (ex-60%). “Clinical significance of CD157 in human epithelial ovarian cancer”.
- Sponsor: *Italian Ministry of Education, Universities and Research (MIUR)*
2015 Ricerca Locale (ex-60%). “Dissecting the role of CD157 in the cross-talk between acute myeloid leukemia (AML) blasts and bone marrow (BM) microenvironment”.
- Sponsor: *Fondazione Cassa di Risparmio di Torino*
“L’interazione tra leucemia e microambiente midollare come bersaglio per combattere la resistenza alla chemioterapia nella leucemia acuta mieloide”.
- Sponsor: *Italian Association for Cancer Research (AIRC)*
Investigator Grant Number: 11602 (01/01/2012-31/12/2014)
“CD157 and ovarian cancer: in vitro and in vivo models to dissect the molecular mechanisms of tumor progression”
- Sponsor: *Italian Association for Cancer Research (AIRC)*
My First AIRC Grant. Grant Number: 6312 (01/01/2009-31/12/2011)
"Functional analysis of the role of the CD157 molecule in the biology of ovarian cancer".

Research support as Co-Investigator:

- Sponsor: *Cutaneous Lymphoma Catalyst Research Grant (2022)*
“Mechanistic insights into the CD39/CD73 adenosinergic immunosuppressive axis in patients with Sézary Syndrome: association with disease course and treatment response” PI: Pietro Quaglino
- Sponsor: *Italian Association for Cancer Research (AIRC)*
2015-2018: IG15968 “Dissecting the role of CD157 in malignant pleural mesothelioma: from prognosis to personalized therapy” PI: Ada Funaro
- Sponsor: *Menarini Research*
2015-2019: “Functional effects of MEN1112 in leukemic blasts and in the bone marrow microenvironment in acute myeloid leukemia”. PI: Ada Funaro

Publications and Bibliometric indices

29 full papers in peer reviewed journals and 1 book chapter

ORCID ID <https://orcid.org/0000-0003-2287-9020>

Scopus Author ID 6602281947 h-index=18; number of citations= 1289

Torino, March 2023

