

Erika ORTOLAN

Curriculum Vitae

Personal Data

Born January 27, 1973, in Ivrea, Torino, Italy
Married, two daughters
Italian citizen

Contacts:

Laboratory of Immunogenetics
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Present position:

December 2007- permanent full-time faculty position as *Tecnico della Ricerca* at the University of Torino Medical School, Torino, Italy,

Academic qualifications:

2000: Doctorate in Biological Sciences, University of Torino, Italy.
(final score: 110/110 *Magna cum Laude*, Special Honors)
2002: Qualifying examination for profession of biologist at the University of Torino
2005: Ph.D. in Human Oncology, University of Torino Medical School.
Reference Ph.D. program: M. Aglietta, Professor of Human Oncology.
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

Positions and Employment:

1997-2000 Internal student, Laboratory of Immunogenetics, Dept. of Genetics, Biology and Biochemistry, University of Torino Medical School. Reference: F. Malavasi, Professor of Human Genetics
2000-2004 Ph.D. in Human Oncology.
2004-2006 Postdoctoral Research fellow at the University of Torino: "Receptors and genes involved in the normal and pathological cellular regulation"
2006-2007 Postdoctoral Research fellow at the University of Torino: "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

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.

Expertise:

Molecular biology and mammalian cell culture techniques, Cell imaging, Proteomic, 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.

Honors:

2010 Recipient, honor for young researcher in the field of cancer, from LILT (Lega Italiana Lotta Tumori)

Research supports:

1) Sponsor: *Italian Association for Cancer Research*

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".

Role: Principal Investigator

2) Sponsor: *Italian Association for Cancer Research*

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". Role: Principal Investigator

3) 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". Role: Principal Investigator

4) 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". Role: Principal Investigator

5) Sponsor: *Italian Ministry of Education, Universities and Research (MIUR)*

2016 Ricerca Locale (ex-60%).

"Clinical significance of CD157 in human epithelial ovarian cancer". Role: Principal Investigator

Scientific activity:

The scientific activity is documented by 26 full papers in peer reviewed journals and 1 book chapter (overall Impact Factor/JCR 2017: 160,302 average IF: 6.41-SCOPUS: h-index=15, number of citations= 859)