

CV - Roberto A Perego

Prof. Roberto A. Perego. Associate Professor of General Pathology
Born in Carate Brianza (MB - Italy).

1977 Medical Doctor degree at University of Milan.

1978 Resident in internal medicine.

1980 Specialized in Clinical and Laboratory Hematology.

1985 Specialized in Oncology.

1980-1982 Research fellow, Institute of General Pathology, School of Medicine, University of Milan, then

1984-1999 Research Assistant Professor (staff position) in the same Institute.

1987-1989 Guest Researcher at the Laboratory of Cellular and Molecular Biology, National Cancer Institute (NIH), Bethesda, MD, USA.

1989-1990 Visiting Scientist in the same Laboratory of Cellular and Molecular Biology, NCI, NIH, USA.

1995-1999 Responsible of the molecular biology laboratory in the hematology department at Niguarda Hospital.

1999 - 2002 Researcher (staff position) at the Department of Experimental Medicine, School of Medicine, University of Milano-Bicocca.

Since 2002 Associate Professor of General Pathology and head of the laboratory of Oncology/Molecular Pathology in the School of Medicine and Surgery at Milano-Bicocca University.

2007 Representative of Regione Lombardia in the stirring committee for the realization of excellent center on medical nanotechnologies .

2009-2012 President of the Medical Science Committee of Milano-Bicocca University

Awards received: 1980 two years fellowship by University of Milano; 1987 two years fellowship grant by AIRC for stage at NIH, USA; 1989 winner NIH grant for a position as Visiting Scientist at NCI, NIH.

Member of the Italian Society of Pathology (SIP), European Association of Cancer Research (EACR), American Society of Hematology (ASH).

Since 2010 Member of the Editorial Board of the "International Journal of Clinical and Experimental Pathology".

Reviewer of several scientific journals, including Int J Cancer, Am J Pathol, Eur Urology, Eur J Cancer, J Proteom Res.

Project leader, or responsible of operative units, or responsible of research groups in several research projects funded by private and state agency: Associazione Italiana Ricerca sul Cancro (AIRC 1992, 1993); Italian Ministry of University (project ACRO 1995; ex-40% 1997; project COFIN 2001; project PRIN 2004; project PRIN 2006; project FIRB 2001; Project FIRB 2007); Cariplo 2004 and Regione Lombardia-Cariplo 2009.

Invited speaker in national and international meeting. He is the author of 79 scientific publications in indexed international peer reviewed journals, and five chapters in volumes.

His bibliometric indicators are: $H_i = 17$, total citations 741. Ranking of journals in which he published 75% Q1+Q2 (Q1, 50%; Q2, 25%), with first and last name 48% Q1+Q2 (Q1, 28%; Q2, 20%).

Scientific interests: Cellular, molecular, genomic, proteomic and metabolic characteristics of renal cell carcinoma. Characterization of primary cell cultures from human kidney and from renal cell carcinoma. Identification, isolation and characterization of resident renal adult stem cells and cancer stem cell of renal cell carcinoma. Microsatellite alterations and plasma DNA as diagnostic tools in renal cell carcinoma patients. Epithelial mesenchymal transition of renal tubular cells treated in vitro with high glucose concentration. Molecular biology of human non receptor tyrosine kinase, study and cloning of ARG (ABL2) gene. Role of gene polymorphisms in human disease. Molecular evaluation of cancer minimal residual disease (study of BCR/ABL, PML/RAR α , IgH/Bcl2 rearrangements). Tumor biochemistry and enzymology of solid and ascitic experimental hepatomas (study of aminoacyl-tRNA synthetases).

Keywords: renal cell carcinoma, primary cell cultures, renal stem cell, genomics, proteomics, renal cell carcinoma metabolism, non receptor tyrosine kinase Arg (Abl2), microsatellite alterations, circulating DNA, minimal residual disease.