

BIOGRAPHICAL SKETCH

Name	Roberto Perris
Date of Birth	August 7, 1957
Citizenship	Swedish - Italian
Precollege Education	Umeå, Sweden, Graduation June 1976

Academic Degrees

February 1982 – Bachelor of Sciences - Uppsala University, Sweden
Major: Biology-Chemistry

June 1983 – Master Degree – University of Uppsala, Sweden
Major: Developmental Biology

June 1987 – Philosophy Doctor - Uppsala University, Sweden
Major: Developmental Biology

Professional Titles

- June 1994 - Chartered Biologist, Institute of Biology, London, United Kingdom

- October 1994 - Docent in Developmental Biology, University of Uppsala, Sweden

Professional Appointments

2025-Present – *Vice Director*, COMT–Centre for Molecular and Translational Oncology, University of Parma

2009–2025 – *Director*, COMT–Centre for Molecular and Translational Oncology, University of Parma

2005–present – *Full Professor* of Anatomy and Cell Biology, Depts of Evolutionary and Functional Biology; Genetics, Microbiology & Anthropology; Life Sciences; Chemistry, Life Sciences and Environmental Sustainability, University of Parma, Italy

1998–2013 – *Group Leader*, Division for Experimental Oncology 2, The National Cancer Institute Aviano, CRO-IRCCS, Italy

1998–2004 - *Associate Professor*, Dept of Evolutionary and Functional Biology, University of Parma, Italy

1992–1998 - *Staff Scientist*, The National Cancer Institute Aviano, CRO-IRCCS, Italy

1987–1992 - *Research Associate*, Developmental Biology Center, University of California Irvine, USA

1983–1987 - *Teaching Assistant/PhD Fellow*, Dept of Cell and Developmental Biology, University of Uppsala

1979–1982 – *Teaching/Research Assistant*, Dept of Physiology, University of Umeå

Membership Scientific Committees and Networks

1999–2002 - Member of the Life Sciences Working Group of ESA (European Space Agency)

2004-2007 - Member of the Review Board of the EU Marie Curie Fellowship Programme, Framework Programmes FP6 and FP7

2003–2005 - Coordinator of the EURIT (European Network for the advancement of RNA Interference Technology) -

2010 – Present - Member of INBB - Istituto Nazionale delle Biostrutture e Biosistemi

2019 – Present - Member of EuroMabNet - European Monoclonal Antibody Network

Memberships Scientific Societies

Member of 7 National and International Scientific Societies

Membership Professional Societies

1993- 2005 - Member of “Ordine dei Biologi” (Italy)

1994 - Elected Member of the Institute of Biology, London, Chartered Biologist

Research Grants Awarded

1984–Present – Principal Investigator, Co-Principal Investigator and/or Participant in 19 International Grants

- primary granting bodies: EU FP7; EU Horizon 2020; Sarcoma Foundation of America (SFA, USA); Mitzutani Glycoscience Foundation (Japan); Human Frontiers for Science Program (HFSP); Leukemia & Lymphoma Society (USA); Association for International Cancer Research/World Cancer Research (Scotland, UK); European Space Agency-ESA (Netherlands); Erling-Person Foundation (Stockholm, Sweden); The

Swiss Bridge Foundation (Zurich, Switzerland), OpnMe Boheringer-Ingelheim (Germany), Lymph&Co Foundationm (Netherlands);

1984–Present - Principal Investigator, Co-Principal Investigator and/or Coordinator for 53 individual and network National Grants (primary granting bodies/calls: MUR-PRIN, MUR-FISR, MUR-FIRB, AIRC, Agenzia Spaziale Italiana (ASI); Italian Ministry of Foreign Affairs; Regione Emilia-Romagna (POR-FESR); Italian Health Ministry; Lega Italiana per la Lotta ai Tumori (LILT); Fondazione CARIPARMA; Fondazione CDP).

Industrial Research and Licensing Contracts

1998–Present – Responsible for 31 Research Contracts and Licensing Agreements executed with National and Multinational Biotechnology and Biopharmaceutical companies, including companies of the “Big Pharma” circuit.

Inventorship and Patents

Principal Inventor of one EU Patent, one Italian Patent, and 7 Italian Patent Applications; Co-Inventor of one PCT Application.

Invited Speaker National and International Conferences and Workshops

1983–present - Invited speaker for 23 National Conferences and Workshops

1983–present - Invited speaker for 19 International Conferences and Workshops

Organizer and Session Leader at Scientific Meetings

1994 – Present - Session Leader at 6 National Conferences Workshop

2000 – Present – Session Leader at 7 International Conferences and Workshops

2003 – Organizer and Chairman of one International Conference

2026 – Organizer and Chairman of a Theoretical-Practical Workshop

National and International Consultations

1989 - Scientific Consultant, MIDAS REX, Houston, TX, USA, “Practice and Theory Course on Orthopaedic Surgery”, New Orleans, LA, USA.

1996–1999 - Scientific Consultant, TECAN Group, Salzburg, Austria

1999–2000 - Scientific Consultant, TECAN Italia SpA, Milano, Italy

2002–2005 - Scientific Consultant, BIO-TECH Biotechnology Laboratories Srl., Parma, Italy

2003–2005 - Scientific Consultant, Analitica De Mori SpA. BioDivision, Milano, Italy

1998–2013 - Scientific Consultant & Group Leader, National Cancer Institute Aviano, CRO-IRCCS, Italy

2015–2017 – Scientific Consultant, Sedicidodici Srl, Pordenone, Italy

2026–Present – Scientific Consultant, Neovalis Srl, Sorbolo di Mazzano, PR, Italy

Tutoring of Undergraduate and Graduate Students

2001–Present - Tutor for 181 Undergraduate and Master Degree students

2000–Present – Tutor for 26 PhD students

Abstracts and Communications at Scientific Meetings

1980–Present – Main author or co-author of 493 Abstracts, Poster and Oral Presentations at National and International scientific conferences and workshops.

Scientific Production

1983–Present – Main author or co-author on 106 peer-reviewed publications (plus 2 non-indexed in MEDLINE, years 1983, 1984), 3 non-peer reviewed publications and 3 book chapters.

H-index = 42 (Scopus); Citations = 6.814

Personal statement

I have pursued more than 10 years of education and research activities in the field of Developmental Biology and Neurobiology in leading institutions in Sweden and US and I am expert in Cell biology and all advanced technologies for studying cultured cells and tissues, including the advanced microscopy methods. I am currently teaching two unique courses at the upper BS level: one treating the biology and potential medical applications of stem cells and an integrated one dwelling upon

functional histology and Developmental Biology. I decades long experience in the multidisciplinary study of the role of the extracellular matrix in the control of diverse phases of embryonic development and in cell process, with specific emphasis on cell movement.

I have held a group leader position at one of the largest oncological research and treatment centers in Italy (i.e., the National Tumour Institute of Aviano, CRO-IRCCS) during the years 1991-1998. During that period, I have been actively engaged in institutional committees, working groups and topic platforms, which have involved both basic researchers and clinicians. In 1998, I was appointed Associate Professor in Anatomy and Cell Biology at the University of Parma and in 2005 I was upgraded to Full Professor in the same area.

Based upon the extensive knowledge about topics related to key cellular phenomena in cancer biology and based upon the well-documented abilities to coordinate multidisciplinary and multi-technological research projects, I was assigned a Scientific Consultant position at the above research institute during the years 1999–2012.

In 2009, I founded the research centre, COMT – Centre for Molecular and Translational Oncology, at the University of Parma. Since then, I have chaired the Board of Directors of the Centre, which now stands out as one of the leading University-based Cancer Research Center within the region of Emilia-Romagna and have headed its “Cell and Immunotherapeutic Research Unit”.

I can document a longstanding track-record of leadership of research groups and an analogously longstanding responsibility for numerous research grants (both individual and network grants), obtained from national and international institutions for the conduction of basic and applied cancer research. As a Director of COMT and promoter of several of its lines of research, and as key scientist for numerous discoveries, I have signed cooperation contracts and licensing agreements with two large US pharmaceutical companies of the Big Pharma circuit; have cooperations with five foreign and seven Italian small-to- medium-sized biotech and pharmaceutical companies. Virtually all these collaborations entail development of novel immunotherapeutic and/or theranostic nanotechnological agents, having as a starting point monoclonal antibodies originally generated in my laboratory. I have filed several patent requests, have recently completed the filing of a European patent and I am in the process to file additional patent requests for the industrial protection of proprietary monoclonal antibodies with tumor-ablating activity. More recently, my laboratory has identified a spectrum of novel immunotherapeutic antigens, to be targeted with proprietary monoclonal antibodies.