

CURRICULUM VITAE

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Date of Birth: 12th January 1969

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EDUCATION

1996-1999 **Graduate student in pharmaceutical chemistry**
Title: Dr. sc. nat. ETH
Institution: Department of Applied Biosciences, ETH Zürich, Switzerland
Thesis: Structure elucidation of viral and human thymidine kinases and enolase from *Alternaria alternata*

1989-1995 **Undergraduate student in pharmaceutical sciences**
Diploma: Federal qualified pharmacist (Eidg. Staatsexamen)
Institution: ETH Zürich, Switzerland
Exams: Pharmaceutical chemistry, analytical chemistry, inorganic chemistry, pharmaceutical biology, biopharmacy, pharmaceutical technology and pharmacology

1985-1989 **High school**
Diploma: High school diploma (Matura) type B
Institution: Kantonsschule Baden, Switzerland

PROFESSIONAL EXPERIENCE

2004-present **Senior Scientist**
Institution: Paul Scherrer Institut, Villigen PSI, Switzerland

Projects: Structure/function studies of
1) Eukaryotic DNA mismatch repair proteins
2) VEGFs, Neuropilins and their cellular receptors and ligands implicated in tumor angiogenesis
3) Tubulin modifying enzymes
4) Microtubule-targeting anticancer agents
5) Tubulin/MT-complexes with various modulatory proteins and ligands related to neurotoxicity and neurodegenerative disorders

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2002-2004

Postdoctoral fellowship

Institution: Paul Scherrer Institut, Villigen PSI, Switzerland
Projects: 1) Structure/function studies of eukaryotic DNA mismatch repair proteins
2) Structure/function studies of VEGF receptors and ligands

2000-2002

Postdoctoral fellowship

Institutions: Beth Israel Deaconess Medical Center, Massachusetts General Hospital & Harvard Medical School, Boston, MA (USA)
Projects: 1) Structure/function studies of CD21, the Epstein-Barr virus receptor
2) Structure/function studies of reovirus attachment protein $\sigma 1$ and its human receptor JAM

LANGUAGES

Italian: native language
German: native language
English: excellent
French: excellent
Spanish: satisfactory

AWARDS AND HONORS (1310 kCHF in total)

2000-2001 Swiss National Science Foundation Postdoctoral Fellowship
2006-2010 Swiss National Science Foundation Grant 31003A-112455
2011-2012 Novartis Foundation for Medical-Biological Research Grant
2011-2012 SystemsX Bridge to Industry Grant, Co-PI
2013-2016 Seattle Genetics, Industry contract, Co-PI
2019-2023 H2020 MSCA-ITN-EJD Grant 860070

MAJOR RESEARCH INTERESTS

Cancer research, neurodegeneration, protein interactions, X-ray crystallography, Cryo-EM, drug discovery

MEMBERSHIP OF SCIENTIFIC SOCIETIES

Member of the American Society for Virology
Member of the Swiss Society for Molecular and Cellular Biosciences (SSMCB)

SCIENTIFIC OUTPUT IN NUMBERS (WEB OF SCIENCE)

57 peer reviewed papers, 2207 citations (excl. self-citations), H-index: 26 (status from Sep 1, 2020)