

## CURRICULUM VITAE

Andrea E. Prota

### DEMOGRAPHIC INFORMATION:

Name: ANDREA ENRICO PROTA  
Cities/Countries of citizenship: Spreitenbach / Switzerland and Villafranca i. L. / Italy  
  
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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

### TRAINING:

2002-2004

#### **Postdoctoral fellowship**

Institution: Paul Scherrer Institute, 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

## **CURRICULUM VITAE**

**Andrea E. Prota**

### **EMPLOYMENT:**

2004-present

#### **Principal Investigator**

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

### **LANGUAGES:**

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

### **AWARDS AND HONORS:**

**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  
**2013-2016** Seattle Genetics, Industry contract, Co-PI

### **MAJOR RESEARCH INTERESTS:**

Cancer research, protein-drug and protein-protein interactions, X-ray crystallography, 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)**

36 peer reviewed papers, 1024 citations (excl. self-citations), H-index: 17 (status from Aug 9, 2017)