

Curriculum vitae

Christoph Berger

Date of birth: April 21, 1962
Citizenship: Switzerland
married, son Timo (2001), daughter Jaelle (2007)

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Education:

1982-1989 Medical School at the University of Zurich, Switzerland
(Medical State Examination November 19, 1989)

MD-Thesis:

1992 "C-reaktives Protein in der Infektdiagnostik beim Neugeborenen" (Prof. S. Fanconi, G. Duc)
University of Zurich, Switzerland

Habilitation:

2002 Pediatrics, specifically Pediatric Infectious Diseases
"The latent membrane protein 1, a viral oncogene and receptor mimicry in Epstein-Barr virus-associated reactive and malignant lymphoproliferation"

2009 Professor of Pediatrics and Pediatric Infectious Diseases, University of Zurich

2016 Promotionsrecht Medical Faculty, University of Zurich

Specialty Titles (Boards):

1996 Swiss Board in Pediatrics (FMH)
1999 Swiss Board in Infectious Diseases (FMH)
2010 Good Clinical Practice (GCP) Training Modules 1-3

Medical Training:

Residency:

1990-1991 Neonatology, University Hospital Zurich, Switzerland (Prof. G. Duc)
1991-1992 Surgery, Regional Hospital Davos, Switzerland (Prof. P. Matter)
1992-1993 Pediatric Oncology, University Children's Hospital Zurich, Switzerland (Prof. A. Fanconi)
1993-1994 Pediatrics, Stadtspital Triemli Zürich, Switzerland (Dr. U. Bühlmann)
1994-1995 Pediatric Infectious Diseases and Intensive Care, University Children's Hospital Zurich, Switzerland (Prof. A. Fanconi)

Research:

1995-1997 Research Fellow, Cancer Molecular Genetics Laboratory (Prof. H. Knecht), Cancer Center, Hematology/Oncology Division, Univ. of Massachusetts Medical Center, Worcester, MA, USA
Supported by a grant from the Swiss National Science Foundation

Attending:

since 1997 Pediatrics and Pediatric Infectious Diseases, University Children's Hospital Zurich, Switzerland (Prof. F.H. Sennhauser)

Position:

1997-2000 Consultant for Infectious Diseases

since 2000 Assistant Professor of Pediatrics and Pediatric Infectious Diseases

since 2003 Head Hospital Epidemiology

since 2008 Head Vaccinology
Co-Chair of the Division Infectious Diseases and Hospital Epidemiology

Aug 2017 Head of the Division Infectious Diseases and Hospital Epidemiology

Teaching activities:

since 1998 Pediatric Course for Beginners

at present: Current Problems of Pediatrics and Pediatric Infectious Diseases

Lecture Basic Pediatrics

Lecture Pediatric Clinics

Rounds in Pediatrics

Weekly Colloquium in Experimental Infectious Diseases and Cancer Research

Medical Immunology Course, Human Biology

FAMH in Medical Microbiology:

Training in Medical Microbiology to get the FAMH certificate, Institute of Medical Microbiology, University of Zurich, July 2014 – June 2016 (50%).

Research projects:

1995-1997 "Molecular and functional analysis of critical sequences within the latent membrane protein 2A gene of Epstein-Barr virus associated Hodgkin's disease and related disorders". Postdoctoral fellow in the LINK Laboratories of the Cancer Center, University of Massachusetts Medical Center in Worcester, MA, USA (Prof. H. Knecht)
Supported by the Swiss National Science Foundation
Main Applicant

1998-2000 "Significance of the 30 base pair deletion variant of Epstein-Barr virus encoded latent membrane protein 1 in EBV-mediated oncogenesis"
Swiss Cancer Research Grant 631-2-1998, University Children's Hospital Zurich, Switzerland
Main Applicant

1999-2003 "Latent EBV infection: can cognate antigen trigger productive EBV infection and cause growth transformation of responding B lymphocytes?" Swiss National Science Foundation, Project 32-53982.98, University Children's Hospital Zurich, Switzerland
Main Applicant

2000-2001 "Detection and strain-typing of Epstein-Barr virus by using electrochemiluminescent (ECL) tagging of oligodeoxyribonucleotide sequences"
Swiss Cancer League 961-09-1999, University Children's Hospital Zurich, Switzerland
Co-Applicant

2000-2002 "Analyse der Pathogenese von Infektionen des Zentralnervensystems mittels der neuartigen DNA-Microchip-Technologie: ein Beitrag zur Verbesserung von Prophylaxe und Therapie"
Research grant from the Anna Mueller Grocholski-Foundation, University Children's Hospital Zurich, Switzerland
Co-Applicant

- 2000-2003 "Analyse der Lymphomenstehung bei Infektion mit dem Epstein-Barr-Virus mittels der neuartigen DNA-Mikrochip Technologie: Ein Beitrag zur Verbesserung von Prophylaxe und Therapie"
Research grant from Swiss Bridge, University Children's Hospital Zurich, Switzerland
Co-Applicant
- 2004-2006 "The level of viral LMP2A expression (in relation to its isoform LMP2B) is critical for activation of the lytic infection program and termination of tumor-promoting EBV latency"
Research grant from Krebsliga Zurich, University Children's Hospital Zurich, Switzerland
Main Applicant
- 2005-2006 "Aktivitätsgrad von LMP2A: Angriffspunkt für Therapie EBV-positiver Lymphome?"
Research grant from UBS Donation
Main Applicant
- 2004-2007 "Silencing of the LMP2 gene in Epstein-Barr virus transformed B-cells: establishment of an inducible shRNA system to promote lytic viral cycle for tumor therapy"
Research grant from Krebsliga Zurich, University Children's Hospital Zurich, Switzerland
Co-Applicant
- 2010-2011 "Assessment in paediatric accident & emergency departments of referred and walk-in patients aged 0-5 years with feverish illness in Switzerland and the UK"
Research grant from UBS Donation
Co-Applicant
- 2013-2014 "Frequency and impact of solicited infectious diseases consults for antibiotic treatment in intensive care"
Project supported by the Children's Research Center (CRC), University Children's Hospital, Zurich
Co-Applicant
- 2013-2015 "Population-based active surveillance of bacteremia: a project for children of the canton of Zurich: BAKT-KIDZ"
Project supported by the STARR Foundation
Co-Applicant
- 2011-2017 "Impact of innate immunity on susceptibility to sepsis in neonates and children"
Project supported by Swiss National Science Foundation (324730_153158), Vinetum Foundation, Wyeth Foundation, and Bangerter Foundation
Co-Investigator
- 2012-2017 "Viral Metagenomics Project"
Clinical Research Priority Programs (CRPP), University of Zurich
Co-Applicant
- 2017-2020 "Reducing the Burden of Influenza after Solid-Organ Transplantation: the STOP-FLU trial [Swiss Trial in Solid Organ Transplantation on Prevention of influenza]."
Investigator initiated clinical trials (IICT). Swiss National Science Foundation N° 33IC30_173545
Co-Applicant
- 2017-2021 "Determinants of vaccine hesitancy and under-immunization with childhood and Human Papilloma Virus vaccines in Switzerland"
Swiss National Science Foundation, NFP74 project 407440_167398
Project Partner

National projects:

- 2014-2017 Pilotprojekt "Nationale Datenbank für Kinderarzneimittel"
Principal Investigator

Committees:

Federal Commission for Vaccinations (EKIF) (since 2012, President since 2015)
Swiss Transplant Cohort Study, Laboratory Group (since 2006)
Swiss Transplant Cohort Study, Infectious Diseases Group (since 2007)
International Pediatric Fungal Network (PFN) (since 2007)
Scientific Board of the Fungal Infection Network Switzerland (Funginos) (since 2001)
Collaborating Partner in Antibiotic Resistance and Prescribing in European Children (ARPEC) (since 2011)
European Society for Paediatric Infectious Diseases (ESPID) Committee for Scientific Affairs and Awards (2012-2015)
Swiss Society for Infectious Diseases: Organisation of the Club de Pathologie infectieuse (since 2011)
Hygiene Commission of the University Children's Hospital Zurich (President since 2006)
Quality management board of the University Children's Hospital Zurich (since 2008)
Safety Commission of the University Children's Hospital Zurich (since 2012)
Infovac (Consultant since 2006)
Ethical Committee of the University Children's Hospital (President 2004-2006, Vice-President 2006-2011)

Task Forces:

Pandemic Plan Canton of Zurich, Switzerland
Pediatric Medication Swiss Influenza Pandemic Plan, Swiss Federal Office of Public Health (FOPH)
Expert group of the FOPH „Nationale Strategie Antibiotikaresistenzen“ representing the Swiss Society of Pediatrics
EBOLA task force University Children's Hospital in Collaboration with University Hospital Zürich and the Canton of Zürich

Reviewer activities:

FWF Austrian Science Fund (since 2011)
Swiss Cancer League (since 2012)
Swiss National Science Foundation (SNF) (since 2013)

Reviewer for scientific journals:

Acta Paediatrica, Archives of Disease in Childhood, Clinical Infectious Diseases, European Journal of Clinical Microbiology and Infectious Diseases, European Journal of Medical Research, European Journal of Pediatrics, Infection, Journal of Virological Methods, Neuropediatrics, Pediatrics, Pediatric Infectious Disease Journal, Pediatric Pulmonology, Transplant Infectious Disease, Transplant International, Tropical Medicine & International Health, Vaccine

Editorial Board:

European Journal of Pediatrics (since 2012)

Society memberships:

European Society for Pediatric Infectious Diseases
Pediatric Infectious Disease Group of Switzerland, President (since 2004)
Swiss Society for Hospital Hygiene
Swiss Society for Infectious Diseases (Treasurer 2004/05, Secretary 2006/07)
Swiss Society for Pediatrics
Working Party for Pediatric Immunology

Awards:

2002 Pfizer Award for clinical research in Infectious Diseases: „Dynamics of Epstein-Barr virus DNA levels in serum during EBV-associated disease“