

## Curriculum Vitae

### Personal Data

Name Rami Sommerstein  
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OrcID 0000-0003-1011-6878  
Date and place of birth 8.2.80 (in Zug)  
Nationality Swiss  
Civilian Status Concubinage, three children



### Languages

Swiss German (mother tongue)  
English (very good knowledge in written and spoken)  
French (very good knowledge in spoken, good in written)

### Education

Dec 2021 Titular Professor in Infectious Diseases and Healthcare Epidemiology, Medical Faculty, University of Bern  
Apr 2018 Habilitation in Infectious Diseases and Healthcare Epidemiology, Medical Faculty, University of Bern  
2018 CAS Module: Healthcare Management  
Dec 2014 Title FMH Infectious Diseases  
Oct 2012 Title FMH General Internal Medicine  
Mai 2009 MD Diploma, University of Zürich  
Oct 2005 Federal Diploma in Medicine, University of Zürich  
2001/02 Swiss mobility year at the University of Lausanne  
1999 – 2005 Medical School, University of Zürich  
1996/97 Exchange year in Virginia, USA (high school)  
1992 – 1999 Matura, Type C (Science), Zug

### Employment History

5/2020 - Co-Head Infectious Diseases and Infection Control, Hirslanden Clinics Central Switzerland  
8/2021 - Scientific Collaborator, Department of Health Sciences and Medicine, University of Lucerne  
1/2019 - Head Research and Development, Swissnoso, President Prof. A. Widmer  
5/2020 - 7/2021 Scientific Collaborator, Department of Infectious Diseases, Bern University Hospital  
1/2015 - 4/2020 Attending Physician and Deputy Head of Infection Control Infectious Diseases, Bern University Hospital, Head Prof. H. Furrer  
Head of Infection Control: Prof. J. Marschall  
4/2012 - 12/2014 Fellow in Infectious Diseases, University Hospital Zürich, Head Prof. R. Weber  
4/2010 - 3/2012 Resident in Internal Medicine, Kantonsspital Zug, Head Prof. M. Vogt  
3/2008 - 3/2010 MD Postdoc, Laboratory Prof. D. Pinschewer  
Department Pathology and Immunology, University of Geneva and WHO Collaborating Centre for Neonatal Immunology and Vaccinology  
“Chronic persistent viral infections and autoimmunity”  
5/2006 - 12/2007 Resident in Internal Medicine, Kantonsspital Nidwalden, Head Dr. D. Wegmann  
12/2005 - 4/2006 Doctorand, Clinic for Immunology Department Internal Medicine, University Hospital Zürich, Head Prof. A. Fontana  
MD Thesis: ANCA-associated vasculitis in the elderly: a retrospective analysis of forty-five patients

### Institutional Responsibilities

Co-Head Infection Control and Infectious Diseases  
Co-Head Research and Development Swissnoso, the National Center for Infection Control  
Scientific Collaborator, Department of Infectious Diseases, Bern University Hospital

### Research Projects/Grants (primary)

2015-2017 Knowledge Sharing in Infection Control. SHEA Epi Competition (USD 5,000; use of SHEA Research Network)

2016-2019	CTU Grant Inselspital: Temporo-spatial Transmission Dynamics of Resistant Enterobacteriaceae in Switzerland: A Mathematical Predication Model - Regional Prototype (CHF 80'000)
2016-2018	Swissnoso: Choice of the Agent, but not Timing Play a Role in Surgical Antimicrobial Prophylaxis in Cardiac Surgery: an Analysis of 15,576 Patients (CHF 20'000)
2019-2024	Externe Expertise für die Entwicklung von Massnahmen zur Überwachung, Verhütung und Bekämpfung von healthcare-assoziierten Infektionen HAI. Bundesamt für Gesundheit. CHF 6'035'283 (Co-PI, zusammen mit Swissnoso)
2020	IICT FMT in CDI first recurrence (SNF) CHF 1'963'647 (as co-applicant; PI: Benoit Guery)

### Research Projects/Grants (as collaborator)

2008-2010	Prof Daniel Pinschewer: Stipendiary professorship of the Swiss National Science Foundation: Scientific Collaborator (MD Post Doc)
2014	Prof Hugo Sax, Zurich University Hospital, Research Assistant (50%) to investigate <i>Mycobacterium chimaera</i> outbreak (institutional funding)
2020	Epidemiology and determinants of catheter-related and hospital-acquired bloodstream infections: from a large university hospital to a global picture. SNF Grant Postdoc.Mobility return phase / Niccolo Buetti, CHF 122'000 (as collaborator)

### Supervision of junior researchers at graduate and postgraduate level

2015-2017	cand. med. Oliver Wolffers (Master Thesis in Medicine, Automated Surveillance of Ventilator-associated Events)
2016-2017	Dr. med. Sonja Geser (MD Thesis, Knowledge Sharing in Infection Control)
2016- 2020	pract. med. Fabienne Moret (MD Thesis, KEK 2016-00793)
2016-	pract. med. Leonie Uhlmann (MD Thesis, Appropriateness of Meropenem Prescriptions at Bern University Hospital)
2017-	cand. med. Oliver Wolffers (MD Thesis, Automated Surveillance of Ventilator-associated Events)
2017-2019	cand. med. Lisa Balmer (Master Thesis in Medicine, <i>Rhizobium radiobacter</i> investigation)
2017-	Dr. phil. nat. Luisa Paola Salazar Vizcaya (Mathematical Modelling, CTU Grant)
2019-	Scientific staff at the general secretary of Swissnoso (~3 FTE employees)

### Teaching activities (summary information)

Medical Students	Clinical Skills Training, Lectures: "Introduction to Practical Healthcare Epidemiology", "Immunity to Microbes", "Epidemiology of Resistances" (~12h / year)
ID Fellows	Clinical Training

### Memberships in panels, boards, and individual scientific reviewing activities

2019	Editorial Board Member, Infection Prevention in Practice
2018-	Associate Editor, Antimicrobial Resistance & Infection Control Journal
2017	Editorial Board Member, Antimicrobial Resistance & Infection Control Journal
2016-2017	Committee Member (Secretary), Swiss Society for Infectious Diseases
2015-2016	Journal Club Writing Member, Society for Healthcare Epidemiology of America
2015-2019	Advisory Boards: Basilea Pharmaceuticals, MSD
Reviewing	British Medical Journal, PLOS Medicine, Clinical Infectious Diseases, Emerging Infectious Diseases, Eurosurveillance, Clinical Microbiology and Infection, Infection Control & Hospital Epidemiology, Antimicrobial Agents and Chemotherapy, PLoS One, Swiss Medical Weekly, Journal of Hospital Infection, Expert Review of Anti-Infective Therapy, International Journal of Infectious Diseases, JAMA Network Open, JAHA

### Active memberships in scientific societies

2015-	Swiss Society for Infectious Diseases
2015-	Swiss Society for Hospital Hygiene
2020-	FMH, Sektion Ärztgesellschaft des Kantons Luzern

## Awards and Prizes

### Principal or Senior Investigator

- 2021 *Swiss Society for Infectious Diseases Conference*. Best Paper Award in Hospital Hygiene: Surgical Site Infection and Antimicrobial Prophylaxis in C Section (CHF 3000)
- 2020 *Swiss Society for Infectious Diseases Conference*. Best Project Award (3. Place) in Hospital Hygiene: Automated Surveillance of Ventilator-associated events (CHF 300)
- 2019 *Swiss Society for Infectious Diseases Conference*. Best Project Award (2. Place) in Hospital Hygiene: Droplet precautions on site, a pragmatic controlled intervention study (CHF 500)
- 2017 *Swiss Society for Infectious Diseases Conference*. Best Paper Award in Hospital Hygiene: Transmission of *Mycobacterium chimaera* aerosols from heater-cooler units in cardiac surgery despite an ultraclean air ventilation system (CHF 3000)
- 2015 *Society of Healthcare Epidemiology of America (SHEA) Spring Conference*. Epi Project Competition, 2nd Place: Knowledge Sharing in Infection Prevention with a Focus on Emerging Diseases (USD 500 + USD 5000 for use of SHEA Research Network)

### Collaborator

- 2018 *Pfizer Research Award*: Interferon-driven deletion of antiviral B cells at the onset of chronic infection (CHF 15'000)
- 2015 *Infectious Diseases Society of America, Clinical Infectious Diseases Journal*. Top Article Award: Prolonged Outbreak of *Mycobacterium chimaera* Infection After Open-Chest Heart Surgery
- 2014 *Swiss Society for Infectious Diseases Conference*. Best Poster award: Effect of perioperative mupirocin and antiseptic body wash on infection rate and causative pathogens in patients undergoing cardiac surgery