
1. Personal data

Date of birth April 25, 1977
Nationality Swiss
Place of origin Luzern (LU), Beckenried (NW)
Marriage, children Married, 2 children
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2. Education and professional degrees

12/2016 **Venia legendi** (Lecturer) in Infectious Diseases, University of Zurich, Switzerland. Title: Diagnostic, Prevention, and Treatment of Periprosthetic Joint Infections (PJI).
03/2012 **Board certificate in Infectious Diseases** (FMH), CH
09/2009 **Board certificate in Internal Medicine** (FMH), CH
03/2005 **Doctor of Medicine** (MD Thesis), 'Retrospective study about PET and SPECT in Creutzfeldt-Jakob Disease'. University of Zurich, Zurich, CH
1997-2003 Medical School, University of Zurich, CH

3. Employment history including current position

01/2015-ongoing **Attending physician**, Division of Infectious Diseases, University Hospital of Zurich (USZ), consultant at the orthopedic Balgrist University Hospital and Schulthess Clinic, Zurich, CH
07/2012- 12/2014 **Research fellow**, Biofilm research laboratory of Prof. ME. Shirtliff, Department of Microbial Pathogenesis, University of Maryland, Baltimore, USA
10/2009-06/2012 **Fellow**, Infectious Diseases, USZ, Zurich, CH
05/2008-09/2009 **Resident**, Infectious Diseases, Cantonal Hospital Zug, Baar, CH
03/2006-04/2008 **Resident**, Internal medicine, Cantonal Hospital Zug, Zug, CH
03/2005-02/2006 **Intern**, Neurology, EPI, Swiss Epilepsy Centre, Zurich, CH
03/2004-02/2005 **Resident**, Internal medicine, Cantonal Hospital Nidwalden, Stans, CH

4. Institutional Responsibilities

Physician-scientist, Infectious Diseases consultant at the orthopedic Balgrist University Hospital and Schulthess Clinic, Zurich, lead of CIRS and M&M conferences

5. Approved Research Projects as leading investigator since 2016

Prevention and Treatment of periprosthetic joint infections using photodynamic therapy. USZ foundation. CHF200'000. Role: PI

Fecal microbiota transplantation versus vancomycin or fidaxomicin in *Clostridioides difficile* infection first recurrence (Fender) An interventional, pragmatic, prospective, randomized, controlled trial (accepted 10/2020). Investigator initiated clinical trials, SNF grant number 33IC30_193065. CHF 1'963'647. Co-applicant and PI in Zurich.

Clinical trial (Phomic I and Phomic II): Effects of photodynamic therapy to improve antiseptic effect (2019-2021). Galderma and Vontobel Foundation, CHF 159'691. Role: PI

Role of rifampin in *Cutibacterium* sp. periprosthetic joint infection (PJI) – a multicenter study (2018-2020). supported by the ESCMID. Role: PI

Skin antiseptics to reduce *Cutibacterium avidum* colonization as a risk factor for periprosthetic joint infections (2018-2020). Swiss Life Jubiläumstiftung CHF 20'000. Role: PI

Prospective observational cohort study on periprosthetic joint infections at the Balgrist University Clinic (2017- ongoing). Role: Co-PI

The role of *Propionibacterium acnes* infection in intervertebral disc inflammation (2017-2020) (with K. Würtz). CABMM start up grant CH 27'824. Role: Co-main applicant, PI

Cutibacterium acnes/avidum in periprosthetic joint infections (2015 – 2018). Hartmann-Müller Stiftung CHF 10'000. Role: Main applicant

6. Supervision of Junior Researchers at graduate and postgraduate level

Graduation of 9 master students, 4 doctoral thesis students

Master: Julia Prinz (2020), Fabienne Walser (2021), Tina Badinski (2021), Natalie Gassmann (2020), Fabian Kalt (2018), Fabienne Rüber (2018), Laura Stadler (2018), Laura Böni (2018), Judith Glanzmann (2018). **Doctorat:** Maximilian Wöfle (ongoing), Isabelle Waldmann (ongoing), Steven Maurer (2021), Daniel A. Bossard (2017), Prisca Stasch (2013), Linda Derksen (2012), Funda Sahin (2012)

7. Teaching activities

Since 2016: lecturer at the University of Zurich, Medical School Zurich, CH

8. Memberships in panels, boards, etc, and individual scientific reviewing activities

Panels/boards: Since 2018: Country Delegate of European Bone and Joint Infection Society (EBJIS), Since 2019: treasurer and active member in ESCMID study group for implant-associated infections (ESGIAI). Since 2016: Expertengruppe Infektionen der Schweizerischen Gesellschaft für Orthopädie und Traumatologie. Reviewer Activities: Clin Infect Dis, Clinical Microbiology Review, Infectious Diseases, Journal of Clinical Microbiology, PLOSOne, Antimicrobial Agents and Chemotherapy, Clinical Microbiology and Infection, Pathogens and Diseases

9. Active memberships in scientific societies, fellowships in renowned academics

2009: Active board member of the European study group of the implant-associated infections (ESGIAI). **2018:** European bone and joint infection society (EBJIS), **2016:** Center for applied biotechnology and molecular methods (CABMM), **2012:** American Society for Microbiology (ASM), **2012:** Schweizerische Gesellschaft für Infektiologie (SGINF), **2009:** Schweizerische Gesellschaft für Innere Medizin (SGIM), **2009:** European society of clinical microbiology and infectious diseases (ESCMID), **2004:** Verband Schweizerischer Assistenz- und Oberärzte (VSAO), Verbindungen der Schweizer Ärztinnen und Ärzte (FMH).

10. Organization of conferences

Co-Organizer of The European bone and joint infection society (EBJIS) conference planned in 2021

11. Prizes, awards, fellowships

01/2014-12/2016	Fellowship "Filling the gap Grant" with 50% protected research time, Medical Faculty, University of Zurich, Zurich, Switzerland
07/2013-12/2014	Swiss Foundation for Medical-Biological Advanced Postdoctoral Mobility Fellowship award for 24 months (P3SMP3_148362). Project: <i>Staphylococcus aureus</i> and <i>Propionibacterium acnes</i> vaccine development
07/2012-06/2013	Swiss National Foundation Fellowship award for 12 months (PBZHP3-141483). Project: <i>Staphylococcus aureus</i> vaccine development.
2010	Swiss Society of Infectious Diseases. Clinical Research award

12. Publications

see Pubmed <https://pubmed.ncbi.nlm.nih.gov/?term=Achermann%20Y>

12. Career breaks

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