

Curriculum Vitae Matthias Schwenkglens

1. Personal Information

Work addresses: University of Zürich, Epidemiology, Biostatistics and Prevention Institute (EBPI), Hirschengraben 84, CH-8001 Zürich
AND
University of Basel, Institute of Pharmaceutical Medicine (ECPM), Klingelbergstrasse 61, CH-4056 Basel

Researcher ID: OrCID 0000-0001-7217-1173

Languages: German (native), English (fluent in speech, teaching and writing; main professional language), French (fluent in speech for non-professional use)

2. Education

- 2000-2010: Various training courses in advanced quantitative methodology (indirect and mixed treatment comparisons, spatial epidemiology, Bayesian statistics, survival analysis, multilevel modelling) and didactics
- 2006: PhD in Epidemiology, University of Basel. Thesis: *Multilevel modelling in the analysis of observational datasets in the health care setting*
- 2002: Master of Public Health, Universities of Basel, Bern and Zürich. Thesis: *Design, conduct and multivariable analysis of an observational study of health care costs in a gatekeeping vs. a fee-for-service plan*
- 1997: Magister Artium (Master of Social Sciences) in sociology and political sciences, University of Tübingen, Germany
- 1997: Completed job training in intensive care nursing, University Hospital Tübingen, Germany
- 1991: Completed job training in nursing, University Hospital Tübingen, Germany
- 1984: 50th International Summer School, University of Exeter, United Kingdom. (British language, society, literature, and arts)
- 1984: High school diploma (Abitur), Michelberg-Gymnasium Geislingen an der Steige, Germany

3. *Venia legendi*

- Since July 2016: Titular Professor, Medical Faculty, University of Zürich
- Since November 2009: *Venia legendi* in the field of "Health Economics – Public Health", Privatdozent, Medical Faculty, University of Zürich

4. Employment history including current position(s)

- Since January 2010 and ongoing: Head, Medical Economics Unit, Epidemiology, Biostatistics and Prevention Institute (EBPI), University of Zürich (20% employment)
- Since August 2003 and ongoing: Head of Research, Institute of Pharmaceutical Medicine (ECPM), University of Basel (since January 2010, 80% employment)

- July 2001 to July 2003: Head, Division of Medical Economics, Hirslanden Holding AG, Zürich
- April 2000 to June 2001: Research fellow, Division of Medical Economics, University Hospital Zürich
- April 1991 to March 2000: Nurse, internal intensive care unit, University Hospital Tübingen, Germany

5. Institutional responsibilities

- At both institutions, lead of a research group (including financial responsibility), supervision, lead and conduct of research projects, academic teaching. In addition at University of Basel, overall (including financial) responsibility for the research activities of the Institute of Pharmaceutical Medicine.
- Representation of the Institute of Pharmaceutical Medicine in the Department of Public Health of the Medical Faculty of the University of Basel.

6. Key approved research projects'

SNSF projects:

- *Health economic aspects of atrial fibrillation: analysis based on the Swiss-AF cohort study* (main applicant; project 189195)
- NRP74: *INSPIRE: Implementation of an integrated community-based care program for home-dwelling senior citizens* (co-applicant; project 407440_183427)
- *Swiss Atrial Fibrillation Cohort Study* (co-applicant for funding period 04/2018-03/2020; project 33CS30_177520)
- *SAPALDIA 5 Cohort of Healthy Aging* (project partner; project 33CS30_177506)
- NRP74: *Geographic variation in the utilisation of healthcare interventions: what is the role of recommendations and other influences?* (main applicant; project 407440_167349)
- NRP74: *Optimising pharmacotherapy In the multimorbid elderly in primary care: a cluster randomised controlled trial (the OPTICA trial)* (co-applicant; project 407440_167465)
- NRP74: *Improving care for patients with depressive and anxiety disorders in primary and secondary care* (co-applicant; project 407440_167436)
- NRP72: *Routine antibiotic prescription and resistance monitoring in primary care physicians: A nationwide pragmatic randomized controlled trial* (co-applicant; project 407240_167066)

EU-funded projects:

- HORIZON 2020: [ENDOSCAPE](#): *ENDOSCAPE, a clinically applicable non-viral gene delivery technology* (co-applicant and partner; grant agreement number 825730; 2019-2022)
- HORIZON 2020: [OPERAM](#): *Optimising PharmacothERApY in the Multimorbid elderly* (co-applicant and work package leader; grant agreement number 634238 and SERI; contract number 15.0137; 2015-2020)
- FP7: [RESPONSIFY](#): *Genome-based biomarkers leading to validated molecular diagnostic tests for response prediction in breast cancer* (co-applicant and work package leader; grant agreement number 278659; 2012-2015)
- FP7: [PAIN-OUT](#): *Improvement in Postoperative PAIN OUTcome* (co-applicant; grant agreement number 223590; 2009-2013)

Multiple other projects funded by the Commission for Technology and Innovation CTI, Lungeliga Schweiz, Krebsliga Schweiz, the Swiss Federal Office of Public Health, the Swiss Medical Board, the Swiss Group for Clinical Cancer Research (standing cooperation since 2007) and private entities

7. Supervision of junior researchers at graduate and postgraduate level

Supervision of graduate master theses, PhD theses and postgraduate theses in the Postgraduate Master Programme in Public Health (Universities of Basel, Bern and Zürich)

8. Teaching activities

- Graduate teaching activities at the medical school and human biology/biomedicine programme of the University of Zürich, at the medical school of the University of Basel, at the biomedical engineering programme of the University of Bern
- Postgraduate teaching activities in the Diploma Course in Pharmaceutical Medicine at the University of Basel and in the Postgraduate Master Programme in Public Health (Universities of Basel, Bern and Zürich)
- Course Leader of the Year in 2017, 2018 and 2019 in the Postgraduate Master Programme in Public Health (Universities of Basel, Bern and Zürich)
- Topics include biostatistics, epidemiology, Health Technology Assessment, Health Services Research, health economics and decision-analytic modelling

9. Memberships in panels, boards and individual scientific reviewing activities

- Member of the *cancer screening committee* of the Swiss Cancer League
- Member of the Steering Committee (Studienleitung) of the Postgraduate Master Programme in Public Health, Universities of Basel, Bern and Zürich
- Member of the interdisciplinary Center for Medicine - Ethics - Law Helvetiae, University of Zürich
- Member of the Swiss Network for Health Technology Assessment (SNHTA)
- Reviewer for various clinical and health economic journals; member of the Editorial Board of *Medical Decision Making*

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

Active member of Public Health Schweiz

10. Publications

Link to all peer-reviewed publications indexed in PubMed:

[http://www.ncbi.nlm.nih.gov/pubmed/?term=Schwenkglenks\[Author\]&cmd=DetailsSearch](http://www.ncbi.nlm.nih.gov/pubmed/?term=Schwenkglenks[Author]&cmd=DetailsSearch)