

The Swiss Tropical and Public Health Institute (Swiss TPH) is a world-leading institute in global health with a particular focus on low- and middle-income countries. Associated with the University of Basel, Swiss TPH combines research, services, and education and training at the local, national and international level. Over 850 people from more than 80 nations work at Swiss TPH focusing on infectious and non-communicable diseases, environment, society and health as well as health systems and interventions.

As a member Household Health Systems Research group, you will be supporting the *SwissLEGIO* study team as a:

Research Assistant (50-100%)

******* Bewerbungen dürfen auch gerne auf Deutsch eingereicht werden *******

******* Les candidatures peuvent être soumises en français *******

The Project

Legionnaire's disease is a severe form of pneumonia caused by *Legionella* bacteria. The infection is notifiable to the Federal Office of Public Health (FOPH). The number of notified Legionnaires' disease cases is increasing in Switzerland but it remains unclear where and under which circumstances patients get infected.

The Swiss TPH is conducting a prospective national case-control and molecular source attribution study on Legionnaires' disease in Switzerland (*SwissLEGIO*). The study is conducted in collaboration with the FOPH, the National Reference Center for Legionella, the University Hospital Basel and the "Legionella control in buildings" consortium led by Eawag (ETH Zurich). The study consists of questionnaire-based interviews to assess risk factors for contracting Legionnaires' disease. In a second step, *Legionella* specimen are collected from patients and from their home and other environments. The *Legionella* isolates obtained are analysed using whole genome sequencing (WGS), which allows the matching of clinical and environmental strains and the identification of the infectious source.

Your main tasks:

- Scheduling interviews and environmental sampling appointments
- Conducting questionnaire-based interviews (at the hospital, at home or by phone)
- Support our laboratory personnel in the collection of environmental samples (going to patients' homes and collect samples from their showers, kitchen faucets, garden hoses etc.)
- Support data cleaning and data management activities

Required qualifications and experiences:

- BSc, MSc or Advanced Federal Diploma of Higher Education ("Höhere Fachschule degree) in a health related field (life science, pharmacy, medicine, nursing, public health, medical anthropology or similar) or training as a nursing specialist («Fachmann/-frau Gesundheit EFZ»)/ medical practice assistant («Medizinische Praxisassistent/in»)

- Fluent in at least one of the Swiss national languages (German / French / Italian). French or Italian speakers must have good knowledge of German or English.
- Open-minded, sensitive and empathetic personality with strong communication skills
- Independent and proactive working style
- Comfortable working with the computer and tablets
- Flexibility in working hours (interviews might take place outside of office hours) and willingness to travel within Switzerland. Category B driver's license is an asset.
- Experience in patient care, research or in conducting studies according to “Good Clinical Practice” is an asset.

We offer:

- An exciting position on a topic with high public health relevance
- Exposure to applied public health, Swiss health care actors and scientists from other life science fields
- Training and insights into conducting a large epidemiological study
- Certified training in research ethics
- Working in an interdisciplinary and international environment at the Swiss TPH
- Flexible working conditions

Swiss TPH is an equal opportunity employer committed to excellence through diversity.

Please submit your application online via the link provided below, including:

- CV
- Motivational letter including ideal work effort (50-100%)
- Salary expectation
- Reference letters and diploma
- Names and contact information (email or phone) of two references

Please note that we can only accept applications via our online recruiting tool: <https://recruitingapp-2698.umantis.com/Jobs/All>. Applications via e-mail or external recruiter will not be considered.

Contact

For further information: Fabienne Fischer (phone: +41 61 284 87 47 or e-mail: f.fischer@swisstph.ch) or Prof. Daniel Mäusezahl (e-mail: daniel.maeusezahl@unibas.ch).

Job Profile:

Start Date: March 2022 or upon agreement
Location: Basel / Allschwil. Home office days are possible upon agreement.
Duration: 12 months
Percentage: 50-100%
Travelling: only in Switzerland