

Short Profile

Workload
100 %

Location
Davos, Switzerland

Area
Translational Proteomics and Microbiome Research

Start Date
Upon agreement

Apply now:
info@tmg.swiss

About TMG

The association "Translational Medicine at Interfaces" (TMG) is a research network based in Davos and mandated by the Canton of Graubünden. It brings together internationally renowned partners from research and clinical care in the Canton of Graubünden and beyond. Its aim is to consistently translate scientific findings into practice, with a focus on diseases of biological interface organs and on the interplay between environment and health.

Research Scientist

in Translational Proteomics and Microbiome Research

We are looking for an enthusiastic and motivated Research Scientist to contribute to HARMONY, a consortium project within the "Translationale Medizin an Grenzflächen" (TMG) network.

HARMONY aims to develop microbiome-derived metabolites into effective preventive and therapeutic strategies for allergic diseases by strengthening epithelial barriers and modulating inflammation.

The successful candidate will be based at the Swiss Institute of Allergy and Asthma Research (SIAF), University of Zurich, in the group of Prof. Christoph Messner (Precision Proteomics Center Davos) and will work closely with PD Dr. Milena Sokolowska and her team. Employment will be through TMG.

Role and Responsibilities

- Conduct translational research at the interface of immunology, computational biology, and proteomics
- Perform a proteomics-based drug discovery screen
- Analyze clinical cohorts (e.g., biofluids, tape strips) using proteomics and other omics technologies
- Apply statistical methods and machine learning
- Collaborate closely with consortium partners across disciplines and institutions
- Manage stakeholders and support patent applications

Your Profile

- PhD or several years of relevant research experience
- Experience in several of the following areas:
 - Statistics and machine learning
 - Programming in R and/or Python
 - Cell culture work
 - Mass spectrometry
 - Proteomics
 - Metabolomics
- Independent, structured, and reliable working style, with a collaborative mindset
- Interest in translational science and technology transfer
- Strong communication skills, with the ability to align with stakeholders and manage time and projects effectively
- An entrepreneurial mindset is a plus

We Offer

- A stimulating scientific environment in newly equipped laboratories with state-of-the-art instrumentation
- The opportunity to work on a highly interdisciplinary and translational project with direct clinical relevance
- Integration into a dynamic and collaborative network of leading academic and clinical partners

How to Apply

Please send a brief motivation letter, curriculum vitae, and contact details of two references to info@tmg.swiss. Applications will be reviewed on a rolling basis. For any questions, please contact Prof. Christoph Messner (christoph.messner@siaf.uzh.ch).