



The **Swiss Institute of Allergy and Asthma Research (SIAF) and AO Research Institute (AO) in Davos** is an associated research institute of the University Zurich and member of Life Sciences Zurich Graduate School and Academia Raetica. It is performing academic and translational research in collaboration with universities, research institutes, science academies, pharma industry and regulatory authorities on prevention and treatment of allergic and inflammatory diseases, asthma and respiratory infections, epithelial barriers, microbiome, metabolomics, antigen-specific immune response with a focus on human immunology and precision medicine.

The Immunology and Immune Regulation Groups of SIAF are seeking for a highly motivated

Postdoctoral Scientist in Bioinformatics

for the projects of Prof. Cezmi Akdis, Prof. Mübeccel Akdis, Dr. Ismail Ogülür and Dr. Yasutaka Mitamura.

Your profile

The enthusiastic and collaborative candidate is eager to

- contribute to ongoing cutting-edge research projects,
- support the projects of doctoral students / postdoctoral researchers,
- develop and implement own research ideas. Candidates should have a PhD and master's degree in biology / life sciences with a strong background in Immunology. An excellent written and oral English is essential. Candidates should be highly motivated, open-minded and have very good problem-solving skills.

The successful computationally focused candidate will be able to integrate diverse “-omics” datasets and patient clinical information, including experience with standard languages (e.g., Python, R). The candidate will have opportunities to study on new technologies, such as single cell analysis with human samples, spatial gene expression assay and targeted proteomics analyses. Prior experience in single-cell, spatial and/or imaging data analysis will be a huge plus for postdoc candidate.

We offer an interesting and challenging post doctoral position in a world leading and modern institute in clinical research that is a part of the new Medicine Campus in Davos. You will work in a new building with the state-of-the-art laboratories (2'000 sqm) and a dynamic, international team of interdisciplinary experts.

All applicants should have strong communication skills and experience in preparing scientific manuscripts. Fluency in English is essential. Interested applicants should send a motivation letter describing your previous experience and future research plans along with a detailed CV and at least two references to: **akdisac@siaf.uzh.ch**.

