Postdoctoral position in immunology in Switzerland

to investigate how lymphoid organs and stromal cells regulate adaptive immunity.

The laboratory of Prof. Sanjiv Luther at the Center for Immunity and Infection of the University of Lausanne is looking for a highly motivated and skilled candidate to join the team of typically 5-8 scientists who all work on various aspects of secondary lymphoid organs (lymph nodes and spleen), where lymphocyte responses are initiated and regulated, as well as effector sites, such as intestinal lamina propria cancer tissues. Our aim is to better understand the microenvironments in which antigen-specific lymphocytes get activated, differentiate into effector or memory cells, and are maintained. This process is essential for immune defense against pathogens and tumors.

Lymphoid tissue microenvironments are compartmentalized to a large extent by fibroblasts, which are the main resident stromal cell type. While these cells have been ignored by immunologists for a long time, we and others have shown that these cells are key players in adaptive immunity. They not only produce extracellular matrix but many cytokines and other factors that control dendritic cell and lymphocyte behavior. All lab projects center around the discovery and study of such stromal cell factors (like Notch and its ligands, IL-33, PGE2 etc.) with the aim to uncover new functions for these fibroblasts in adaptive immunity and find novel treatment strategies in disease settings.

Requirements:
- PhD in immunology; first author publication(s) or submitted manuscript(s)
- skilled and careful experimenter mastering modern techniques and analysis software
- fluent in English, communicative, team player, motivation to learn and perform at a high level
- good work organization, dynamic, curious, creative, goal-oriented

Techniques:
cutting-edge cellular and molecular immunology techniques, modern mouse genetics, disease models

We offer:
- high profile research center in immunology and oncology (> 40 labs), access to many technology platforms; regular courses and seminars on site; many nationalities; English as main language
- competitive salary, friendly and collaborative lab team; exciting projects in a dynamic field
- good chance to publish several peer-reviewed papers
- 10min away from Metro from the center of Lausanne
- Lausanne is a beautiful city at the lake of Geneva; surrounded by stunning mountains and vineyards

Selected references:

Lab website, including all publications: https://www.unil.ch/ib/home/menuinst/research/luther--sanjiv.html
Application: only via the University website (https://www.unil.ch/ib/home/menuguid/open-positions.html)
If you have questions: please contact me via email, sluther@unil.ch