



Postdoctoral Fellows in Chemical Biology of Ciliary Signaling

Multiple postdoc positions are available in the lab of Prof. Sascha Hoogendoorn in the Department of Organic Chemistry and NCCR Chemical Biology at the University of Geneva, Switzerland. The positions are fully funded in the framework of ERC Starting Grant 'DestCilia' with an initial 1-year contract and the possibility to extend beyond that.

The Hoogendoorn lab is a recently established chemical biology lab at the University of Geneva. We are interested in the development and application of chemical tools to biological problems, in particular cellular signaling mediated by the primary cilium. We use a highly interdisciplinary approach, combining organic chemistry, molecular and cell biology, and genetics to generate new tools for, and enhance our understanding of, ciliary signaling.

Qualified applicants should have completed a relevant Ph.D. degree in Chemical Biology, Organic Chemistry or Cell Biology. The proposed projects have a high interdisciplinary character and applicants are therefore expected to be motivated to complement their skillsets to reach the intended goals.

Position 1: Preference will be given to candidates with experience in peptide-based chemical probe synthesis and biochemical validation of probe-protein interactions. Experience with proteomics is a plus.

Position 2: Preference will be given to candidates with extensive molecular biology skills (i.e. CRISPR knock-in) and cell biology expertise. Experience with the Hedgehog signaling pathway, cytoskeleton or cilium biology is a plus.

Good English communication skills (both written and oral) are essential. The successful candidates will join the Department of Organic Chemistry and the NCCR Chemical Biology at the University of Geneva. We offer a state-of-the-art research infrastructure, and a dynamic and inclusive lab environment.

Start date early to mid 2021, upon mutual agreement.

Applications should include your complete CV, a letter of motivation stating your research interests and any research experience related to the field or a relevant field of study, and contact details of 2/3 persons for references. For more information, please contact prof. Hoogendoorn by email: sascha.hoogendoorn@unige.ch