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Postdoctoral fellows in Chemical Biology of Ciliary Signaling

Postdoc positions are available in the lab of Prof. Sascha Hoogendoorn in the Department of Organic Chemistry at the University of Geneva, Switzerland. The positions are fully funded in the framework of ERC Starting Grant 'DestCilia' and a project grant of the Swiss National Science Foundation (SNSF).

The Hoogendoorn lab is a young and dynamic 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. As such, we are looking for applicants that are attracted by interdisciplinary chemical biology research. Applicants are expected to be motivated to complement their skillsets and broaden their horizons to reach the intended goals.

Qualified postdoc applicants should have completed a relevant Ph.D. degree in Chemical Biology, Organic Chemistry or Cell Biology. One position is geared towards cell-based work and so preference will be given to candidates with experience in in-cell tagging strategies and cell-based assays involving synthetic constructs (e.g. PROTAC, ABPP). Knowledge of molecular biology techniques and biochemical assays is highly desired. Experience with the Hedgehog signaling pathway, cytoskeleton or cilium biology is a plus. The other position requires good knowledge of synthetic organic chemistry as it entails the synthesis and biological evaluation of probes.

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

Start date as soon as possible, upon mutual agreement. Initial appointment 1 year, renewable.

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