



**UNIVERSITÉ
DE GENÈVE**

PhD studentship in Chemical Biology of Ciliary Signaling

We have an open position for a PhD student in the lab of Prof. Sascha Hoogendoorn in the Department of Organic Chemistry at the University of Geneva, Switzerland (www.hoogendoornlab.org).

The Hoogendoorn lab is 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 an applicant that is 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.

PhD student applicants are required to have a completed MSc. degree in Chemistry, Chemical Biology, Biology, or a related field. Preference will be given to candidates with experience in organic synthesis of biologically active molecules 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.

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 Jan 2026, upon mutual agreement. Application deadline: Oct 10, 2025.

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 and to apply, please contact prof. Hoogendoorn by email: sascha.hoogendoorn@unige.ch