

## Sascha Hoogendoorn



Sascha Hoogendoorn was born and raised in the Netherlands. She received her PhD in Organic Chemistry from the group of prof. Herman Overkleeft at the University of Leiden. In her PhD work, she used synthetic chemistry to develop receptor-targeting small molecules to accomplish selective cellular entry. After obtaining her PhD with highest honors in 2013, Sascha moved to the Chen lab at Stanford School of Medicine, USA as an NWO-funded Rubicon fellow. There, she got fascinated by the Hedgehog signaling pathway and the organelle it requires, the primary cilium. She developed a genome-wide CRISPR-KO screening platform to identify genes involved in ciliary Hedgehog signaling. Since January 2019, Sascha is an assistant professor in the department of Organic Chemistry at the University of Geneva (Switzerland) where she continues to work in the area of chemical biology to decipher and modulate ciliary signaling. She is a recipient of an ERC Starting Grant (2020) and the Thieme Chemistry Journals Award (2024).