Postdoctoral Position in the lab of Prof. Xile Hu at EPFL

Website: https://www.epfl.ch/labs/lsci/

(Availability: early 2022).

Area: Asymmetric catalysis. We have a postdoc opening for a project in asymmetric catalysis. The successful candidate will expand our work in Ni-H-catalyzed enantioselective hydroalkylation of alkenes (selected references: JACS, 2021, 143, 1959-1967; Nat. Chem. 2021, 13, 270–277). We hope to develop methods that would work for unactivated internal alkenes, with new types of directing groups or even without directing groups (electronic bias). They might be achieved by developing new ligands as well as new reaction strategies.

The successful candidate should have a Ph.D. in organic chemistry. Experience in asymmetric metal catalysis is required. Prior work in directed C-H functionalization, selective alkene functionalization, or chiral ligand development is a plus. The postdoc will join a small team working in stereoselective alkylation, so teamwork spirit is highly valued.

For all applications, please send your candidature to Prof. Hu via xilehu@gmail.com. Please include a CV, research interest, and names of two reference providers. In case of a large volume of applications, we can only reply to those who will be further considered for Zoom interviews. In this case if you do not hear from me within 2 weeks of initial application, please assume that your application is declined. Note that applications that do not meet the requirements stated above (e.g., necessary academic background) will not be replied.