Postdoctoral Position

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

(Availability: likely the second half of 2020, although other possibilities to be discussed).

**Area: Biocatalysis.** (i) We are interested in developing artificial enzymes incorporating synthetic cofactors for mechanistic and synthetic applications. A recent example is the synthesis of the first Mn-hydrogenase with a non-native metal cofactor. (ii) We are interested in using enzymes, sometimes in tandem with chemical catalysis, for efficient organic synthesis. (iii) We seek to identify and apply appropriate combinations of enzymes for target organic synthesis, using tools of bioinformatics and metabolic engineering.

The successful candidate should have a Ph.D. in enzyme or bio-organic chemistry. Experience with protein purification and biocatalysis is desired. The project is ideal for biochemists who wish to learn molecular catalysis. The project may involve intense collaborations with biologists or chemical engineers.

**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. Due to time constraint, we will only reply to those who will be further considered for on-site interviews (paid by us, available to international applicants too). If you do not hear from me within 2 weeks of initial application, please assume that you application is declined.