

Postdoctoral position in new methods for peptide/protein modification

The Laboratory of Catalysis and Organic Synthesis (LCSO, <http://lcsso.epfl.ch/@LcssoLab>) at the Institute of Chemical Sciences and Engineering at the Ecole Polytechnique Fédérale de Lausanne is opening one postdoctoral position under the direction of Prof. Jérôme Waser. Focus of the work will be the development of new hypervalent iodine reagents and their use in the functionalization of biomolecules.

Your future occupation

- Working at the frontier between organic synthesis and chemical biology
- Screening of reaction conditions and (hypervalent iodine) reagents for the development of new reactions on biomolecules
- Mentoring of junior PhD students and master students
- Participation to group management and group meetings organization
- Collaboration with research groups in chemical biology for the development of applications
- **Starting Date: September 2019** or later for a duration of at least one year, a second year being envisaged based upon mutual agreement.

Your profile

- A PhD in synthetic organic chemistry or chemical biology **with knowledge on peptide synthesis and functionalization**, knowledge on protein modification/purification would be a strong added value
- Excellent knowledge in written and oral English.
- A strong publication track record.
- Highly motivated for discovering new chemistry in a challenging environment and leading the efforts of our group in the new area of biomolecule functionalization
- High interest for collaborative projects in view of biological applications.

Selection Procedure:

1. Please send a **letter of motivation**, a **CV**, a short **summary of your previous research work(s)** (2-3 pages), a **statement of interest** on the field of hypervalent iodine chemistry related to biomolecule functionalization, a **career plan** and a **list of at least three references with names, phone and e-mail addresses** to jerome.waser@epfl.ch.
2. Selected candidates will be invited first for a skype interview. The 3-5 best candidates will then have an on-site interview at EPFL or a second video interview if not possible.
3. If you need further information, please contact Prof. Waser (jerome.waser@epfl.ch).