

## Dr. Jérôme Waser

Full Professor in Organic Chemistry, Co-Director NCCR Catalysis  
Laboratory of Catalysis and Organic Synthesis (LCSO)  
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## Education and Academic Positions

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- 2019- Full Professor in Organic Chemistry, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.
- 2014-2019 Associate Professor in Organic Chemistry, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.
- 2007-2014 Assistant Professor in Organic Chemistry, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.
- 2006-2007 Stanford University, chemistry, Stanford, California, USA  
Postdoctoral studies, adviser: *Prof. Barry M. Trost*
- 2002-2006 Swiss Federal Institute of Technology (ETH), chemistry, Zurich, Switzerland  
Ph. D., adviser: *Prof. Erick M. Carreira*, degree in 2006

## Awards and Fellowships

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- 2017 ERC Consolidator Grant 2017
- 2016 Springer Heterocyclic Chemistry Award
- 2014 Werner Prize 2014 of the Swiss Chemical Society
- 2013 ERC Starting Grant 2013
- 2012 Silver Medal of the European Young Chemist Award

## Selected Publications

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- (5) “Substrate-controlled C–H or C–C alkynylation of cyclopropanes: generation of aryl radical cations by direct light activation of hypervalent iodine reagents”  
Nguyen, T. V.T.; Wodrich, M. D.; Waser, J.\* *Chem. Sci.* **2022**, *13*, 12831-12839.
- (4) “Cys-Cys and Cys-Lys Stapling of Unprotected Peptides Enabled by Hypervalent Iodine Reagents”  
Ceballos, J.; Grinhagena, E.; Sangouard, G.; Heinis, C.; Waser, J. *Angew. Chem., Int. Ed.* **2021**, *60*, 9022-9031.
- (3) “Enantioselective Carboetherification/Hydrogenation for the Synthesis of Amino Alcohols via a Catalytically Formed Chiral Auxiliary”  
Buzzetti, L.; Purins, M.; Greenwood, P. D. G.; Waser, J. *J. Am. Chem. Soc.* **2020**, *142*, 17334-17339.
- (2) “Oxidative Fluorination of Cyclopropylamides via Organic Photoredox Catalysis”  
Wang, M. M.; Waser, J. *Angew. Chem., Int. Ed.* **2020**, *59*, 16420-16424.
- (1) “Enantioselective Copper-Catalyzed Oxy-Alkynylation of Diazo Compounds”  
Hari, D. P.; Waser, J. *J. Am. Chem. Soc.* **2017**, *139*, 8420.
- Full academic CV available at: <http://lcs0.epfl.ch/waser>