

# Akari IKEDA

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## Education

Apr. 2012 – Mar. 2016: Ph.D, Setsunan University, Clinical Pharmacy (Professor A. Ando)

Apr. 2006 – Mar. 2012: B. S. Setsunan University, Pharmaceutical Sciences (Professor A. Ando)

## Career

Apr. 2018 – present:

Assistant Professor, Bioorganic chemistry lab, Kitasato Institute for Life Sciences and Graduate School of Infection Control Science, Kitasato Institute

Apr. 2016 – Mar. 2018:

Postdoctoral Associate, Department of Chemistry, University at Albany, State University of New York

Jun. 2012 – Mar. 2016:

Research assistant, Setsunan University

## Publications

- 1) [A. Ikeda](#), L. Zhong, P. R. Savoie, C. N. von Hahmann, W. Zheng, J. T. Welch, "Synthesis of Trifluoromethyl Tetrafluoro- $\lambda^6$ -sulfanyl-Substituted Alkenes, Ketones, and Acids: Polar Hydrophobic Building Blocks" *Eur. J. Org. Chem.* **2018**, *6*, 772-780.
- 2) [A. Ikeda](#), M. Omote, K. Kusumoto, M. Komori, A. Tarui, K. Sato, A. Ando, "A dramatic enhancing effect of InBr<sub>3</sub> towards the oxidative Sonogashira cross-coupling reaction of 2-ethynylanilines" *Org. Biomol. Chem.* **2016**, *14*, 2127-2133.
- 3) [A. Ikeda](#), M. Omote, K. Kusumoto, A. Tarui, K. Sato, A. Ando, "One-pot synthesis of 1,3-enynes with a CF<sub>3</sub> group on the terminal sp<sup>2</sup> carbon by an oxidative Sonogashira cross-coupling reaction" *Org. Biomol. Chem.*, **2015**, *13*, 8886-8892.
- 4) [A. Ikeda](#), M. Omote, S. Nomura, M. Tanaka, A. Tarui, K. Sato, A. Ando, "Oxidative 3,3,3-trifluoropropylation of arylaldehyde" *Beilstein J. Org. Chem.* **2013**, *9*, 2417-2421.
- 5) M. Omote, M. Tanaka, M. Tanaka, [A. Ikeda](#), A. Tarui, K. Sato, A. Ando, "Synthesis of 2-aryl-3-trifluoromethylquinolines using (*E*)-trimethyl(3,3,3-trifluoroprop-1-enyl) silane" *J. Org. Chem.* **2013**, *78*, 6196-6201.
- 6) M. Omote, M. Tanaka, [A. Ikeda](#), S. Nomura, A. Tarui, K. Sato, A. Ando, "Simple synthesis of  $\beta$ -trifluoromethylstyrenes using (*E*)-trimethyl(3,3,3-trifluoroprop-1-enyl) silane" *Org. Lett.*, **2012**, *14*, 2286-2289.

## Award

- 1) Jan. 2018: The Pharmaceutical Society of Japan Kinki Branch Award