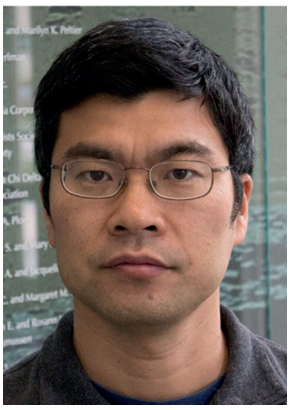

W. Tang

Weiping Tang

Date of birth:	December 19, 1974
Position:	Associate Professor, University of Wisconsin–Madison
E-mail:	weiping.tang@wisc.edu
Homepage:	http://pharmacy.wisc.edu/tang-lab
Education:	1997 BS, Peking University 1999 MS with Kang Zhao, New York University 2005 PhD with Barry M. Trost, Stanford University 2005–2007 Postdoctoral fellow with Stuart L. Schreiber, Harvard University and Broad Institute
ORCID:	0000-0002-0039-3196
Awards:	**2011** Amgen Young Investigator Award
Current research interests:	Cycloadditions, asymmetric catalysis, heterocycle and carbohydrate synthesis, medicinal chemistry, and chemical biology
Hobbies:	Hiking, running, and traveling

*The author presented on this page has recently published his **10th article** in Angewandte Chemie in the last 10 years:*
"Divergent Reactivity of Rhodium(I) Carbenes Derived from Indole Annulations": X. Li, H. Li, W. Song, P.-S. Tseng, L. Liu, I. A. Guzei, W. Tang, *Angew. Chem. Int. Ed.* **2015**, *54*, 12905; *Angew. Chem.* **2015**, *127*, 13097.

If I were not a scientist, I would be a chef.

My greatest achievement has been volunteering in my son's kindergarten class for nearly one year.

The most amusing chemistry adventure in my career was exploring all areas of college chemistry in a study camp when I was a high-school student in 1991.

I like refereeing because I can offer my help to others.

The biggest problem that scientists face is the lack of funding for basic research.

If I won the lottery, I would stop applying for grants.

If I could have dinner with three famous scientists from history, they would be Kekulé, Mendeleev, and Loewi.

And I would ask them about the dreams that led to their greatest discoveries.

I chose chemistry as a career because I love making new things.

My most exciting discovery to date has been [5+*n*] cycloadditions using 1,4-enynes as the five-carbon component.

My biggest motivation is helping students develop and improve their problem-solving skills.

The best advice I have ever been given is "follow your interest".

I would have liked to have discovered the Diels–Alder cycloaddition.

My 5 top papers:

1. "Enantioselective Bromolactonization of Conjugated (*Z*)-Enynes": W. Zhang, S. Zheng, N. Liu, J. B. Werness, I. A. Guzei, W. Tang, *J. Am. Chem. Soc.* **2010**, *132*, 3664. (The beginning of our work on catalytic enantioselective halogen-mediated reactions.)
2. "Interception of a Rautenstrauch Intermediate by Alkynes for [5+2] Cycloaddition: Rhodium-Catalyzed Cycloisomerization of 3-Acyloxy-4-ene-1,9-diynes to Bicyclo[5.3.0]decatrienes": X.-z. Shu, S. Huang, D. Shu, I. A. Guzei, W. Tang, *Angew. Chem. Int. Ed.* **2011**, *50*, 8153; *Angew. Chem.* **2011**, *123*, 8303. (The start of our work on developing transition metal-catalyzed [5+*n*] cycloadditions using 1,4-enynes as the five-carbon component.)
3. "Enantioselective intermolecular bromoesterification of allylic sulfonamides": W. Zhang, N. Liu, C. M. Schienebeck, X. Zhou, I. I. Izhar, I. A. Guzei, W. Tang, *Chem. Sci.* **2013**, *4*, 2652. (Catalytic asymmetric intermolecular haloesterification of alkenes could be realized with *ee* values over 90%.)
4. "Stereoselective Total Synthesis of Hainanolidol and Harringtonolide via Oxidopyrylium-Based [5+2] Cycloaddition": M. Zhang, N. Liu, W. Tang, *J. Am. Chem. Soc.* **2013**, *135*, 12434. (The hexacyclic tropone-containing harringtonolide represents the most challenging and complex natural product made in my research group to date.)
5. "Iridium-Catalyzed Dynamic Kinetic Isomerization: Expedient Synthesis of Carbohydrates from Achmatowicz Rearrangement Products": H.-Y. Wang, K. Yang, S. R. Bennett, S.-r. Guo, W. Tang, *Angew. Chem. Int. Ed.* **2015**, *54*, 8756; *Angew. Chem.* **2015**, *127*, 8880. (The development of novel methods for carbohydrate synthesis is an exciting new direction in my research group.)

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