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Jacqueline Wurst, PhD

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Start Year

2007

End Year

2011

Senior Research Scientist, 2013–present
Eli Lilly and Company
Indianapolis, Indiana

Postdoctoral Fellow, 2011–2013
with Dr. Benito Munoz
Broad Institute of MIT and Harvard

PhD, Weill Cornell Medical College, 2011
Tri-Institutional PhD Program in Chemical Biology

BA, Hamline University, 2005
with Prof. Rita Majerle
Department of Chemistry

Thesis: *Studies on the Stereoselective Synthesis of Glycal Derived Spiroketal*s , April 27, 2011

Publications

Solvent-dependent divergent functions of Sc(OTf)₃ in stereoselective epoxide-opening spiroketalizations.

Sharma, I.; Wurst, J. M.; Tan, D. S.* *Org. Lett.* 2014, *16*, 2474–2477.

[[Abstract](#) | [PubMed](#) | [PMC](#)]

Stereoselective synthesis of acortatarins A and B.

Wurst, J. M.; Verano, A. L.; Tan, D. S.* *Org. Lett.* 2012, *14*, 4442–4445.

[[Abstract](#) | [PubMed](#) | [PMC](#)]

Hydrogen-bonding catalysis and inhibition by simple solvents in the stereoselective kinetic epoxide-opening spirocyclization of glycal epoxides to form spiroketals.

Wurst, J. M.; Liu, G.; Tan, D. S.* *J. Am. Chem. Soc.* 2011, *133*, 7916–7925.

[[Abstract](#) | [PubMed](#) | [PMC](#)]

Expanding the range of 'druggable' targets with natural product-based libraries: An academic perspective.

Bauer, R. A.; Wurst, J. M.; Tan, D. S.* *Curr. Opin. Chem. Biol.* 2010, *14*, 308–314.

[[Abstract](#) | [PubMed](#) | [PMC](#)]

Stereoselective synthesis of benzannulated spiroketals: Influence of the aromatic ring on reactivity and conformation.

Liu, G.; Wurst, J. M.; Tan, D. S.* *Org. Lett.* 2009, *11*, 3670–3673.

[[Abstract](#) | [PubMed](#) | [PMC](#)]

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