

## Publications (10):

Wiedner, S. D.; Anderson, L. N.; Sadler, N. C.; Chrisler, W. B.; Kodali, V. K.; Smith, R. D.; Wright, A. T. Organelle-Specific Activity-Based Protein Profiling in Living Cells. *Angew.Chem., Int. Ed.* **2014**, *53*, 2919-2922.

Wiedner, S.D.; Ansong, C.; Webb-Robertson, B-J.; Pederson, L. M.; Fortuin, S.; Hofstad, B. A.; Shukla, A. K.; Panisko, E. A.; Smith, R. D.; Wright, A. T. Disparate proteome responses of pathogenic and nonpathogenic aspergilli to human serum measured by activity-based protein profiling (ABPP). *Mol. Cell. Prot.*, **2013**, *12*, 1791-1805.

Wiedner, S. D.; Burnum, K.E.; Pederson, L. M.; Anderson, L. N.; Fortuin, S.; Chauvigné-Hines, L. M.; Shukla, A. K.; Ansong, C.; Panisko, E. A.; Smith, R. D.; Wright, A. T. Multiplexed Activity-based Protein Profiling of the Human Pathogen *Aspergillus fumigatus* Reveals Large Functional Changes upon Exposure to Human Serum. *J. Biol. Chem.* **2012**, *287*, 33447-33459.

Sadler, N. C.; Angel, T. E.; Lewis, M. P.; Pederson, L. M.; Chauvigné-Hines, L. M.; Wiedner, S. D.; Zink, E. M.; Smith, R. D.; Wright, A. T. Activity-Based Protein Profiling Reveals Mitochondrial Oxidative Enzyme Impairment and Restoration in Diet-Induced Obese Mice. *PLoS One*, **7**: e47996.

Wiedner, Susan; Vedejs, Edwin. Reactivity of aziridinomitosene derivatives related to FK317 in the presence of protic nucleophiles. *J. Org. Chem.* **2012**, *77*, 1045-1055.

Kim, Y-M.; Metz, T. O.; Hu, Z.; Wiedner, S. D.; Kim, J-S.; Smith, R. D.; Morgan, W. F.; Zhang, Q. Formation of dehydroalanine from mimosine and cysteine: artifacts in gas chromatography/mass spectrometry based metabolomics. *Rapid Commun. Mass Spectrom*, **2011**, *25*, 2561-2564.

Wiedner, Susan; Vedejs, Edwin. Aziridinomitosene via Lactam Cyclization. *Org. Lett.* **2010**, *12*, 4030-4033.

Wendt, John A.; Deeter, Susan D.; Bove, Susan E.; Knauer, Christopher S.; Brooker, Rachel M.; Augelli-Szafran, Corinne E.; Schwarz, Roy D.; Kinsora, Jack J.; Kilgore, Kenneth S. Synthesis and SAR of 2-aryl pyrido[2,3-d]pyrimidines as Potent mGlu5 Receptor Antagonists. *Bioorg. Med.Chem. Lett.* **2007**, *17*, 5396-5399.

Yan, Jun; Springsteen, Greg; Deeter, Susan; Wang, Binghe. The Relationship among pKa, pH, and Binding Constants in the Interactions between Boronic Acids and Diols-It is not as simple as it appears. *Tetrahedron* **2004**, *60*, 11205-11209.

Yang, Wenqian; Yan, Jun; Springsteen, Greg; Deeter, Susan; Wang, Binghe. A Novel type of Fluorescent Boronic Acid that shows large Fluorescence Intensity changes upon binding with a Carbohydrate in Aqueous Solution at Physiological pH. *Bioorg. Med.Chem. Lett.* **2003**, *13*, 1019-1022.