



Taylor Kathryn Johnson

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Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Michigan State University (2011)
- Doctor of Philosophy, University of Michigan Ann Arbor (2017)

STANFORD ADVISORS

- James Chen, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Synergy and antagonism between allosteric and active-site inhibitors of Abl tyrosine kinase.** *Angewandte Chemie (International ed. in English)*
Johnson, T. K., Bochar, D. A., Vandecan, N. M., Furtado, J., Agius, M. P., Phadke, S., Soellner, M.
2021
- **Structure-activity mapping of ARHGAP36 reveals regulatory roles for its GAP homology and C-terminal domains.** *PloS one*
Nano, P. R., Johnson, T. K., Kudo, T., Mooney, N. A., Ni, J., Demeter, J., Jackson, P. K., Chen, J. K.
2021; 16 (5): e0251684
- **Selective Proteolysis to Study the Global Conformation and Regulatory Mechanisms of c-Src Kinase.** *ACS chemical biology*
Agius, M. P., Ko, K. S., Johnson, T. K., Kwarcinski, F. E., Phadke, S., Lachacz, E. J., Soellner, M. B.
2019
- **UM-9107: A selective wild-type and T315I Bcr-Abl inhibitor with in vivo activity against chronic myelogenous leukemia**
Phadke, S., Lopez-Barcons, L., Johnson, T. K., Lachacz, E. J., Merajver, S. D., Soellner, M. B.
AMER ASSOC CANCER RESEARCH.2019
- **Bivalent Inhibitors of c-Src Tyrosine Kinase That Bind a Regulatory Domain** *BIOCONJUGATE CHEMISTRY*
Johnson, T. K., Soellner, M. B.
2016; 27 (7): 1745-1749
- **Conformation-Selective Analogues of Dasatinib Reveal Insight into Kinase Inhibitor Binding and Selectivity** *ACS CHEMICAL BIOLOGY*
Kwarcinski, F. E., Brandvold, K. R., Phadke, S., Belch, O. M., Johnson, T. K., Meagher, J. L., Seeliger, M. A., Stuckey, J. A., Soellner, M. B.
2016; 11 (5): 1296-1304
- **Ordering a Dynamic Protein Via a Small-Molecule Stabilizer** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Wang, N., Majmudar, C. Y., Pomerantz, W. C., Gagnon, J. K., Sadowsky, J. D., Meagher, J. L., Johnson, T. K., Stuckey, J. A., Brooks, C. L., Wells, J. A., Mapp, A. K.
2013; 135 (9): 3363-3366