

Stanford



Andre St Amant

Postdoctoral Research Fellow, Stem Cell Biology and Regenerative Medicine

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, University of Western Ontario (2009)
- Master of Science, University of Western Ontario (2011)
- Doctor of Philosophy, University of California Santa Barbara (2018)

STANFORD ADVISORS

- Michael Clarke, Postdoctoral Faculty Sponsor
- Michael Clarke, Postdoctoral Research Mentor

LINKS

- My Personal Website: <https://www.ahstamant.com/>
- Google Scholar: <https://scholar.google.com/citations?user=jM9f7v0AAAAJ&hl=en>

Publications

PUBLICATIONS

- **Tuning the Diels-Alder Reaction for Bioconjugation to Maleimide Drug-Linkers** *BIOCONJUGATE CHEMISTRY*
St Amant, A. H., Lemen, D., Florinas, S., Mao, S., Fazenbaker, C., Zhong, H., Wu, H., Gao, C., Christie, R., de Alaniz, J.
2018; 29 (7): 2406–14
- **Endo and Exo Diels-Alder Adducts: Temperature-Tunable Building Blocks for Selective Chemical Functionalization** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Discekici, E. H., St Amant, A. H., Nguyen, S. N., Lee, I., Hawker, C. J., de Alaniz, J.
2018; 140 (15): 5009–13
- **Novel Methods of Determining Urinary Calculi Composition: Petrographic Thin Sectioning of Calculi and Nanoscale Flow Cytometry Urinalysis** *SCIENTIFIC REPORTS*
Gavin, C. T., Ali, S. N., Taily, T., Olvera-Posada, D., Alenezi, H., Power, N. E., Hou, J., Amant, A., Luyt, L. G., Wood, S., Wu, C., Razvi, H., Leong, et al
2016; 6: 19328
- **Direct synthesis of anilines and nitrosobenzenes from phenols** *ORGANIC & BIOMOLECULAR CHEMISTRY*
St Amant, A. H., Frazier, C. P., Newmeyer, B., Fruehauf, K. R., de Alaniz, J.
2016; 14 (24): 5520–24
- **Synthesis and Evaluation of Optical and PET GLP-1 Peptide Analogues for GLP-1R Imaging** *MOLECULAR IMAGING*
Azad, B., Rota, V., Yu, L., McGirr, R., Amant, A., Lee, T., Dhanvantari, S., Luyt, L. G.
2015; 14

- **Cascade rearrangement of furylcarbinols with hydroxylamines: practical access to densely functionalized cyclopentane derivatives** *ORGANIC & BIOMOLECULAR CHEMISTRY*
Veits, G. K., Wenz, D. R., Palmer, L. I., St Amant, A. H., Hein, J. E., de Alaniz, J.
2015; 13 (31): 8465–69

- **A solid-phase CuAAC strategy for the synthesis of PNA containing nucleobase surrogates.** *Artificial DNA, PNA & XNA*
St Amant, A. H., Engbers, C., Hudson, R. H.
2013; 4 (1): 4–10

- **Click fleximers: a modular approach to purine base-expanded ribonucleoside analogues** *ORGANIC & BIOMOLECULAR CHEMISTRY*
St Amant, A. H., Bean, L. A., Guthrie, J., Hudson, R. E.
2012; 10 (32): 6521–25

- **Synthesis and oligomerization of Fmoc/Boc-protected PNA monomers of 2,6-diaminopurine, 2-aminopurine and thymine** *ORGANIC & BIOMOLECULAR CHEMISTRY*
St Amant, A. H., Hudson, R. E.
2012; 10 (4): 876–81