Hyun Shin Park
Ph.D. Student in Chemistry, admitted Autumn 2015

Publications

PUBLICATIONS

• Simple alkanoyl acylating agents for reversible RNA functionalization and control. CHEMICAL COMMUNICATIONS
  Park, H., Kietrys, A. M., Kool, E. T.
  2019; 55 (35): 5135–38

• Simple alkanoyl acylating agents for reversible RNA functionalization and control. Chemical communications (Cambridge, England)
  Park, H. S., Kietrys, A. M., Kool, E. T.
  2019

• Exceptionally rapid oxime and hydrazone formation promoted by catalytic amine buffers with low toxicity. CHEMICAL SCIENCE
  2018; 9 (23): 5252–59

• Aldehyde dehydrogenase 3A1 activation prevents radiation-induced xerostomia by protecting salivary stem cells from toxic aldehydes. Proceedings of the National Academy of Sciences of the United States of America
  2018

• Exceptionally rapid oxime and hydrazone formation promoted by catalytic amine buffers with low toxicity. Chemical science
  Larsen, D., Kietrys, A. M., Clark, S. A., Park, H. S., Ekebergh, A., Kool, E. T.
  2018; 9 (23): 5252–59

• Dark Hydrazone Fluorescence Labeling Agents Enable Imaging of Cellular Aldehydic Load. ACS chemical biology
  Yuen, L. H., Saxena, N. S., Park, H. S., Weinberg, K., Kool, E. T.
  2016; 11 (8): 2312-2319