

2nd AACR-KCA Joint Conference on Precision Medicine in Solid Tumors

in conjunction with the 24th KCA Fall Symposium

Curriculum Vitae



Full Name	Sara Buhrlage
Current Position	Assistant Professor
Department	Cancer Biology
Affiliation	Dana-Farber Cancer Institute
Country	USA

Education

Dr. Buhrlage completed a Doctor of Philosophy in organic chemistry in 2008, under the direction of Professor Anna Mapp, PhD, from the University of Michigan, where she successfully designed, synthesized and characterized small molecules that bind the transcriptional co-activator CBP and upregulate transcription when tethered to DNA. Following completion of her Doctor of Philosophy, Dr. Buhrlage trained for two years in medicinal chemistry at the Broad Institute. Prior to joining Dana-Farber as a faculty member in July 2015, Dr. Buhrlage was a professional track scientist at Dana-Farber in the medicinal chemistry core laboratory. In this role she collaborated with Institute researchers to pharmacologically validate novel targets of disease and study mechanisms of oncogenesis and drug resistance.

Professional Experience

Sara Buhrlage, PhD, is an Assistant Professor in Dana-Farber’s Cancer Biology Department and Harvard Medical School’s Biological Chemistry and Molecular Pharmacology Department. Her research group focuses on the development of first-in-class inhibitors and prototype drugs for deubiquitylating enzymes (DUBs) that can be utilized to pharmacologically validate members of the gene family as new targets for cancer treatment and other diseases. DUBs have garnered significant attention recently as potential therapeutic targets in the field of oncology due to their removal of degradative ubiquitin marks from cancer causing proteins.