



Shantanu Guha, PhD, MPH

Postdoctoral Fellow

*Development of Novel Antifungals Against Candida Based on an Antifungal Peptide Produced by E. faecalis*

Shantanu Guha attended Austin College in Sherman, TX, receiving a Bachelor's (BA) degree in Biology in 2011. It was during this time at Austin College that he first developed an interest in scientific research, studying the misfolding patterns of Beta-2-microglobulin of the MHC Class I molecule. Directly following college, Shantanu moved to New Orleans, LA to join Tulane University to earn a Master of Public Health (MPH) degree in Epidemiology, which was received in 2013. During this time, his interest in pathogen-based research began as he studied the development of novel drug targets against the malaria parasite, Plasmodium falciparum. After a one-year hiatus from graduate school to gain laboratory experience, Shantanu started the Graduate Program in Biomedical Sciences at Tulane University in the fall of 2015 and earned his Ph.D in 2020 studying and identifying a novel peptide-based virulence factor of Ebola virus. Following graduation, Shantanu started a postdoctoral research fellowship at the University of Texas Health Sciences Center in Houston at McGovern Medical School, where he now works on the preclinical development of novel peptide antifungal agents.