

Muneer Abbas's Biography



Dr. Abbas is an Associate Professor of Microbiology in the College of Medicine. He received his Ph.D. from Howard University in the District of Columbia. His research is focused on investigating polymorphisms in genes underlying innate and acquired immune responses and their associations with health disparities. His research originated from the scientific fact that adaptation to pathogens in the environment is the primary function of the host immune system and as such a target in the evolution of genomic polymorphisms that are protective in host defense against pathogens.

Dr. Abbas is a member of Molecular Genetics Research Group at Howard University's National Human Genome Center (NHGC). He is the Molecular Genetics laboratory director and his expertise in DNA analyses and HLA genotyping are critical to NHGC's ongoing research program in cancer research and other health disparities.

Dr. Abbas is also involved in teaching graduate and undergraduate students. He mentored eight Ph.D. students and is involved in two major undergraduate STEM programs (LSAMP and IREPHU) funded by the National Science Foundation. His duties are to mentor and prepare undergraduate students in careers towards science.