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Specific Host-pathogen Interactions of Enterococcus Faecalis

William R. Miller, M.D. is an assistant professor with the Division of Infectious Diseases and a member of the Center for Antimicrobial Resistance and Microbial Genomics (CARMiG) at the University of Texas McGovern Medical School (UTHealth). He received his medical degree and completed his residency training in Internal Medicine/Pediatrics at UTHealth. He completed a fellowship in adult Infectious Diseases at McGovern Medical School at UTHealth and the UT MD Anderson Cancer Center program. Dr. Miller's current research interests involve the clinical impact and mechanistic bases of antimicrobial resistance. Active projects include studying the multilayered cell membrane defense networks of Gram-positive pathogens using enterococci as model organisms, understanding the inoculum effect in severe methicillin-sensitive *Staphylococcus aureus* infections and characterizing the molecular mechanisms of resistance of multidrug resistant Gram-negative bacteria.