



## **Robin Patel, MD**

Elizabeth P. and Robert E. Allen Professor of Individualized Medicine; Director, Infectious Diseases Research Laboratory, Co-Director, Clinical Bacteriology Laboratory; Vice Chair, Education in the Department of Laboratory Medicine and Pathology

Mayo Clinic

*Combating Antimicrobial Resistance in Orthopedic Infections*

Robin Patel is the Elizabeth P. and Robert E. Allen Professor of Individualized Medicine and the Director of the Infectious Diseases Research Laboratory, Co-Director of the Clinical Bacteriology Laboratory, Vice Chair of Education in the Department of Laboratory Medicine and Pathology, and former Chair of the Division of Clinical Microbiology, at the Mayo Clinic.

Since the beginning of her tenure at the Mayo Clinic, Dr. Patel has focused her research on bacterial infections. Her work focuses on three major areas: (1) improvement of next-generation diagnostic techniques, (2) understanding the inherent biology of periprosthetic infection, and (3) understanding antibiotic resistance through a clinical lens. She has published over 540 peer-reviewed publications and is supported by the National Institutes of Health and the Centers for Disease Control and Prevention. She is the Director of the Laboratory Center of the Antibacterial Resistance Leadership Group of the National Institutes of Health.

Dr. Patel received an undergraduate degree in Chemistry from Princeton University, where she graduated magna cum laude. From there, she obtained a medical degree from McGill University. Afterwards, Dr. Patel completed Internal Medicine Residency and Fellowships in Medical Microbiology and Infectious Diseases at the Mayo Clinic. Since then, she has been involved in setting standards for diagnostic and clinical care of bacterial infections, as evidenced by the (select) positions she has held or holds within the American Society for Microbiology (President), American Board of Pathology (Microbiology Test Writing Committee Member), Clinical and Laboratory Standards Institute (Subcommittee on Antimicrobial Susceptibility Testing Voting Member), National Institutes of Allergy and Infectious Diseases (Council Member), National Board of Medical Examiners (Microbiology/Immunology Test Material Development Committee Chair), Journal of Clinical Microbiology (Associate Editor), and Clinical Infectious Diseases (Associate Editor).

In addition, Dr. Patel's continued commitment to mentorship can be translated into a long list of trainees from around the world; she had dedicated hours of teaching to train the next generation of clinical and research laboratory scientists.

More information can be found at: <https://journals.asm.org/doi/full/10.1128/JCM.01259-20>.