



## **Randall Olsen, MD, PhD**

Professor of Clinical Pathology and Genomic Medicine,  
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Full Clinical Member, Research Institute

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*Penicillin Resistance in Group A streptococci*

Randall Olsen received his Ph.D. (Pathology and Microbiology, 2001) and M.D. (2003) from the University of Nebraska. After completing a clinical pathology residency at Baylor College of Medicine (2006) and a hematopathology fellowship at The Methodist Hospital (2007), he joined the faculty of The Methodist Hospital and Houston Methodist Research Institute.

As a clinical pathologist, Randall Olsen is the Medical Director of the Molecular Diagnostics Laboratory and Co-Medical Director of the Microbiology Laboratory at Houston Methodist. He is also a Professor of Pathology and Laboratory Medicine at Weill Cornell Medical College.

Randall Olsen's research has focused on the study of molecular pathogenesis and host-pathogen molecular interactions of Group A Streptococcus and related pathogens. Recently, this line of investigation has led to the discovery of gene mutations that cause reduced susceptibility to beta-lactam antibiotics.