

Alice H. Tischler, Ph.D.

Technology Specialist

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EDUCATION

Ph.D., Microbiology and Immunology,
Loyola University Chicago
B.S., Biology, Allegheny College

PRACTICE AREAS

Corporate & Investment Diligence
Licensing & Transactions
Patent Opinions
Patent Prosecution
Strategic Counseling
Trade Secrets
Trademarks

TECHNOLOGIES

Chemistry & Materials Science
Industrial Devices
Life Sciences
Medical Devices & Diagnostics

OVERVIEW

Alice applies her knowledge in microbiology, molecular biology, and immunology to assist clients in the drafting and prosecution of patent applications.

Prior to joining the firm, Alice completed a postdoctoral fellowship at Tufts University where she studied how the pathogen *Mycobacterium tuberculosis* senses and responds to environmental signals in the alveolar macrophages during infection. During her doctoral work, Alice explored biofilm formation in the marine bacterium *Vibrio fischeri*. Her work identified calcium as an environmental signal to induce biofilm formation, and elucidated the transcriptional network regulating production of polysaccharides, identifying several novel regulators.

Alice has co-authored peer-reviewed research papers and a scholarly review article published in *Molecular Microbiology*, *mBio*, *Journal of Bacteriology*, *Applied and Environmental Microbiology*, *Frontiers in Microbiology*, and *Encyclopedia of Life Sciences*.