

## Erica J. Zheng, Ph.D.

Technology Specialist

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### EDUCATION

Ph.D., Chemical Biology, Harvard University  
B.A. *with honors*, Biochemistry, Oberlin College

B.Music, Flute Performance, Oberlin Conservatory of Music

### 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

Erica applies her scientific expertise in chemical biology, drug discovery, and bioengineering to assist clients in the drafting and prosecution of patent applications.

Erica's doctoral research focused on developing new treatments for antibiotic-resistant and antibiotic-tolerant bacteria. Her work has been highly collaborative and interdisciplinary, bridging small molecule screening, mechanistic studies, and machine learning. She is the first author of original research articles in *Nature Communications* and *Cell Chemical Biology*, and has co-authored publications in *Nature Microbiology*, *Nature Aging*, and *Molecular Systems Biology*.

Erica is passionate about scientific communication, and prior to joining the firm, she served as a visiting lecturer in the Department of Chemistry at Wellesley College.