

## Emily R. Legan, Ph.D.

Technology Specialist

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### EDUCATION

Ph.D., Biochemistry Cell and Developmental Biology, Emory University

B.S. *magna cum laude*, Biochemistry and Molecular Biology, Marquette University

### 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

Emily applies her knowledge in biochemistry, cell biology, and biophysics to assist clients in the drafting and prosecution of patent applications.

Her doctoral research focused on understanding the biochemical and biomechanical properties of platelets and various proteins in the bloodstream that are essential for initiating blood clot formation in both physiological and pathological contexts. Primarily, she studied the activation mechanisms of the large circulating protein von Willebrand factor and characterized how these mechanisms are altered with mutations that underlie genetic bleeding disorders. This work allowed Emily to develop broad expertise in hematology, cell biology, protein chemistry, and protein-protein interactions.

She has authored and co-authored several research articles published in peer-reviewed journals, including the *Journal of Thrombosis and Haemostasis*, *Nature Communications*, and *Blood*.