CLARK+ELBING

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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*.