



## Genevieve L. Weber, PhD

*Associate*

Genevieve leverages her broad technical expertise and legal aptitude to develop robust patent portfolios and inform clients' global IP strategies

Genevieve L. Weber's practice focuses on preparation and prosecution of domestic and international patent applications, as well as freedom-to-operate, patentability, and due diligence analyses. Genevieve leverages her technical background to secure and manage complex patent portfolios, and to inform clients' short- and long-term IP strategies. She has more than a decade of molecular biology, biochemistry, and chemistry research experience across multiple organisms and systems. Genevieve's life sciences patent experience spans vaccines and engineered viruses, CRISPR technologies, bioinformatic tools, nucleic acid amplification and sequencing technologies, diagnostics and biomarker detection methods, modified cells, engineered proteins, plants, and treatments for cancers (including chimeric antigen receptor therapies), infectious diseases, brain and spinal cord injury, graft rejection, diabetes, inflammation, and other diseases and conditions.

Genevieve previously worked as an associate in the Biotechnology and Chemistry groups at Klarquist Sparkman, where she specialized in drafting and prosecuting US and international patent applications and preparing opinions of counsel. Genevieve worked as a law clerk and patent agent prior to joining the firm as an associate.

Genevieve earned her BS in bioinformatics and molecular biology from Rensselaer Polytechnic Institute and her PhD in pathobiology from The Johns Hopkins University School of Medicine. She earned her JD, with a certificate in Intellectual Property Law, from Lewis & Clark Law School. Genevieve's graduate studies applied bioinformatics and molecular biology techniques to elucidate molecular mechanisms of human diseases. As a postdoctoral researcher, she was a key member of several research teams within Oregon State University's botany and plant pathology, chemistry, and wood science and engineering departments. During her postdoctoral studies, Genevieve further developed her technical writing skills as a professional scientific copy editor at Oncotarget.

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### **Admissions**

Oregon

US Patent and Trademark Office

\*not admitted in CA

### **Education**

Lewis & Clark Law School,

JD, summa cum laude, 2021

The Johns Hopkins University School  
of Medicine,

PhD, Pathology, 2011

Rensselaer Polytechnic Institute,

BS, Bioinformatics and Molecular

Biology, 2005

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## Selected Publications

“Fungi-derived pigments as sustainable organic (opto)electronic materials,” Proceedings of SPIE, Volume 10101, Organic Photonic Materials and Devices XIX (2017) (coauthor).

“Centrifugal partition chromatography: a preparative tool for isolation and purification of xylindein from *Chlorociboria aeruginosa*,” *Journal of Chromatography A*, 1478: 19–25 (2016) (coauthor).

“*Pyrenophora tritici-repentis*: A Plant Pathogenic Fungus with Global Impact,” in *Genomics of Plant-Associated Fungi: Monocot Pathogens*, Springer Berlin Heidelberg, 1–39 (2014) (coauthor).

“Abrogation of PIK3CA or PIK3R1 reduces proliferation, migration, and invasion in vitro in glioblastoma multiforme,” *Oncotarget*, 2(11):833–49 (2011) (coauthor).

“Focal adhesion kinase signaling controls cyclic tensile strain enhanced collagen I-induced osteogenic differentiation of human mesenchymal stem cells,” *Molecular and Cellular Biomechanics*, 4(4):177–88 (2007) (coauthor).