

Yin Y. Nelson

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Patent Counseling and Prosecution - Life Sciences

Life Sciences

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Yin's practice focuses on the preparation and prosecution of domestic and foreign patent applications. Her experience covers a wide array of technical areas – including pharmaceuticals (small molecules, peptides and drug formulations), organic synthesis, polymers, biomaterials and food products. In addition to her prosecution practice, Yin also has experience conducting patentability and freedom-to-operate analyses, as well as providing litigation support.

Yin obtained her doctoral degree in chemistry at Dartmouth College in Hanover, New Hampshire. There, she synthesized solid-state fluorophores and light-activated Azo-type complexes, evaluated their photophysical properties and conducted quantitative crystallographic analysis. After graduate school, Yin worked as a postdoctoral fellow at the American Dental Association (ADA) Foundation to develop dental resin composites, antimicrobials and anti-biofilm agents for oral applications. Yin has published as a leading author in many high-impact scientific journals – including the Journal of the American Chemical Society (JACS), Chemical Science and ACS Applied Materials & Interfaces. She also is a named co-inventor on two patents that resulted from her research.

Before joining Cooley, Yin worked as a patent agent at a large multinational firm, as well as at an intellectual property boutique firm in northern Virginia.

Education

Dartmouth College PhD, Chemistry, 2015

East China University of Science and Technology B. Eng., Pharmaceutical Engineering, 2008

Admissions & Credentials

US Patent and Trademark Office

Memberships & Affiliations

American Chemical Society