



Rachel M. Slade, PhD
Counsel

As an experienced bench chemist, inventor, and attorney, Rachel applies her knowledge of science and patent law to protect and manage client innovations

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McNeill Baur PLLC

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Milwaukee, WI 53202

Admissions

District of Columbia

Utah

US Patent and Trademark Office

US Court of Appeals, Federal Circuit

*not admitted in WI

Education

S.J. Quinney College of Law,

JD, 2008

University of Oregon,

PhD, Organic Chemistry, 1995

University of Minnesota,

BS, Chemistry and BS, Biochemistry,

1989

Languages

German

Rachel Slade, PhD, focuses her practice on patent prosecution and portfolio management. Rachel has extensive experience drafting and prosecuting patent applications which incorporate a variety of chemical technologies, including novel chemical compounds, small molecule drugs, pharmaceutical formulations, drug delivery technologies, biopolymers, polymers, catalysts, imaging probes, and assay systems. She also has experience performing patentability and freedom-to-operate/clearance analyses and has represented both patent owners and challengers in post-grant proceedings.

Before obtaining her law degree, Rachel worked as a research chemist doing drug discovery for over 10 years, primarily directed toward anticancer, antiviral, and neurological disease targets, and is an inventor on seven patents. This industrial experience has given her an appreciation of the multiple factors involved when evaluating the scientific and business aspects of intellectual property.

Prior to joining McNeill Baur PLLC, Rachel spent over a decade practicing patent law in various regional and small law firms, and as in-house patent counsel at a pharmaceutical company. Her PhD dissertation focused on a radical synthesis of carbacephem antibiotics and the development of cobaloxime-mediated syntheses of substituted maleic anhydride derivatives.

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Selected Publications

["Genetic Deficiency or Pharmacological Inhibition of Cyclooxygenase-1 or -2 Induces Mouse Keratinocyte Differentiation in vitro and in vivo,"](#) FASEB J, 18(1):185-87 (1998) (coauthor).

["Application of an Almost Traceless Linker to the Synthesis of 2-Alkylthiobenzimidazole Combinatorial Libraries,"](#) Molecular Diversity, 4(4):215-9 (1998) (coauthor).

["Cross-Coupling of Alkyl Cobaloximes with Maleic Anhydrides. Basic Studies and Applications to the Synthesis of Chaetomelic Acid A Anhydride and C-Glycosyl Maleic Anhydrides,"](#) Journal of Organic Chemistry, 63(11):3544-49 (1998) (coauthor).

["Oxidative Addition of \$\text{py}\(\text{dmgH}\)_2\text{Co-Na}^+\$ to a Ribofuranosyl Bromide: An Unusual Reaction with the Cobaloxime Ligand,"](#) Organometallics, 15(11):2585-87 (1996) (coauthor).

["A Cobaloxime-Mediated Synthesis of the Ras Farnesyl-Protein Transferase Inhibitor Chaetomelic Acid A,"](#) Tetrahedron Letters, 35(24):4071-72 (1994) (coauthor).

["A Cobaloxime-Mediated Radical Route to Butenolides"](#) Tetrahedron Letters, 34(49):7885-88

(1993) (coauthor).

Speaking Engagements

"Frontiers in Precision Medicine: Exploring Science and Policy Boundaries, Patenting Precision Medicine" Panelist, University of Utah, S.J. Quinney College of Law, 2015