

Katharine Schulz,
Ph.D.

PATENT AGENT

Madison

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About Katharine

Assistance with life sciences patents, grounded in academic experience

Katharine Schulz helps prepare and prosecute patent applications related to the life sciences. Her core technical experience is in the fields of biochemistry and molecular biology, and she works on a wide array of technologies, including:

- **Therapeutics**, such as vaccines, antibodies, protein therapeutics, probiotics, nutraceuticals and gene therapies
- **Diagnostic assays and biomarkers**
- **Stem cells and cell culture**
- **Genetically engineered plants, animals and microorganisms**
- **Plant patents and crop improvement**

Katharine previously worked as a research scientist and has authored scientific research and review papers. As an undergraduate, she studied the teratogenic effects of retinoids on the developing mouse fetus, and as a graduate student, she studied chromatin remodeling in the developing *Drosophila* embryo. While pursuing her graduate degree, she served as a student ambassador for the University's Technology Transfer Office.

Capabilities

Research Institutions & Higher Education

Technology Transfer

Education and Honors

University of Wisconsin - Madison (Ph.D., *with distinction*, 2018)

- Ph.D. Philosophy, Integrated Program in Biochemistry
- Thesis title: Defining the interaction of Zelda with chromatin
- NIH Molecular Biosciences Training Grant Recipient
- Genetics Society of America Poster Award, 56th Annual *Drosophila* Research Conference

University of Wisconsin - Madison (B.S., *with distinction*, 2012)

- Major: Biochemistry
- Senior thesis title: Assessing the teratogenicity of synthetic retinoids in mice
- Phi Kappa Phi
- National Society of Collegiate Scholars

Court Admissions

U.S. Patent and Trademark Office





Intellectual Property

Patent

Patent - Biotechnology and Chemistry

Patent - University Research and Technology Transfer

