



Erica A. Fishel, Ph.D.

ASSOCIATE

Concord Office

530 Virginia Road, Concord, MA 01742

978.202.3445

Erica.Fishel@hbsr.com

HAMILTON
BROOK SMITH
REYNOLDS

Intellectual Property Law

PRACTICE AREAS

- Patents
- Licensing
- Agreements
- Counseling
- Copyrights
- IP Litigation

TECHNOLOGY AREAS

- Biotechnology and Life Sciences
- Biologics and Immunotherapies
- Clean Technology
- Chemistry
- Bioinformatics

EDUCATION

- University of Kansas, B.A. in Biology and French
- Washington University in St. Louis, Ph.D. in Molecular Biology
- Seton Hall University School of Law, J.D.

Erica specializes in intellectual property patent protection in the areas of molecular biology and biochemistry. She has experience in patent prosecution, licensing transactions, counseling clients on intellectual property portfolio and patent claim strategies, and drafting claims in the areas of viral delivery vectors, adenoviruses, immunotherapies, antibodies, drug targeting moieties, and protein purification methods.

Prior to joining the firm, Erica was a PCT Written Opinion and Search Report Contractor for the United States Patent and Trademark Office. She conducted patent and literature searches for Patent Cooperation Treaty applications, drafted written opinions, and determined class and subclass for applications. She participated in the judging process for selecting the USPTO Patents for Humanity award in the categories of Food & Nutrition and Clean Technology.

Before her position at the United States Patent and Trademark Office, Erica was an intellectual property intern at ReGenXBio. Her responsibilities included drafting patent claims based on her scientific expertise and working with the scientific research staff on internal and external patent portfolio analyses.

Erica was also the Director of Technology Transfer at the Boyce Thompson Institute at Cornell University and, before that, at the Donald Danforth Plant Science Center. At the Boyce Thompson Institute, she evaluated technology and invention disclosures to devise legal protection. Erica identified and established collaborations and/or licensing agreements associated with the Institute's intellectual property. At the Donald Danforth Plant Science Center, she acted as a liaison between scientific staff and the Center's corporate partners to secure sponsored research agreements and licensing opportunities. She counseled research teams from testing to post-launch on intellectual property and agreement strategies.

Prior to graduate school, Erica was a biochemist for Sigma-Aldrich (now MilliporeSigma). She worked for a large-scale production team conducting assays and assisting in producing chemical compounds used for research and development both in academic and industrial settings.

Erica is a graduate of Seton Hall University School of Law. She received her Ph.D. in Molecular Biology from Washington University in St. Louis and a Bachelor of Arts in Biology and French from the University of Kansas.

PUBLICATIONS

- Zhang, Q., Fishel, E., Dixit, R. (2013) Timely severing of microtubules at crossover sites by katanin is essential for generating ordered cortical microtubule arrays in Arabidopsis. *Current Biology*
- Fishel, E., Dixit, R. (2013) Role of nucleation in cortical microtubule array organization: variations on a theme. *Plant Journal*