Eric M. Balicky, Ph.D.

SHAREHOLDER PRINCIPAL

Management Committee Member

Lincoln Office
55 Old Bedford Road, Lincoln, MA 01773
978.202.3439
Eric.Balicky@hbsr.com

HAMILTON BROOK SMITH REYNOLDS
Intellectual Property Law

PRACTICE AREAS

- Patents
- Counseling
- Agreements
- Licensing
- IP Litigation
- Post-Grant Proceedings
- Design Patents
- Trademarks
- Trade Secrets
- IP Intelligence and Audits
- IP Diligence

TECHNOLOGY AREAS

- Biotechnology and Life Sciences
- Biologics and Immuno-therapies
- Chemistry
- Pharmaceuticals
- Medical Devices
- Bioinformatics
- Materials Science

EDUCATION

- Allegheny College, B.S. in Biology, *magna cum laude*
- Dartmouth College, Ph.D. in Molecular and Cellular Biology
- Boston College Law School, J.D.

For more than two decades, Eric has represented a diverse array of clients in IP-related matters, with an emphasis on strategic IP counseling, patent preparation and prosecution, IP due diligence and legal opinions.

Eric also has substantial experience in patent litigation, providing a perspective that informs and enhances his other practice areas. Since 2020, Eric has received distinction in The Best Lawyers in America® for his patent law expertise. Additionally, Eric has been honored as a Life Sciences Star for Patent Prosecution by LMG Life Sciences in 2020. From 2017 to 2023, he was also named a Rising Star in Intellectual Property Law by Super Lawyers®.

With a technical background in molecular biology and biochemistry, Eric has represented both corporate and university clients in the biotechnology, pharmaceutical, bioprocessing and medical device areas.

Representative areas of technical focus include:

- therapeutic antibodies and other protein-based therapeutics,
- cancer detection, diagnosis and therapy,
- cancer immunotherapy, including CAR-T therapy,
- microRNAs and other non-coding RNAs,
- genome editing techniques, including CRISPR,
- vaccines and vaccine production,
- small molecule therapeutics, including enantiomers/diastereomers,
- immunological detection methods and assays,
- in situ hybridization probes and techniques,
- synthetic peptide compounds,
- PCR amplification and decontamination techniques,
- bioinformatics, including DNA sequencing methods and algorithms,
- protein engineering and redesign,
- natural product synthesis in plants and other hosts,
- transgenic mammals and plants,
- dialysis methods, systems and devices,
- aquaculture products and methods,
- filtration systems and processes, including tangential flow filtration.

ADMISSIONS

- U.S. Patent and Trademark Office
- Massachusetts
- New Hampshire
- U.S. District Court, District of New Hampshire

INDUSTRY ACKNOWLEDGEMENTS

- Massachusetts Bar Association
- New Hampshire Bar Association
- Association of University Technology Managers (AUTM)
- Dartmouth Lawyers Association

Eric manages prosecution of several large patent portfolios, including multiple patent families with worldwide filings. He has prepared invalidity, non-infringement and freedom-to-operate opinions to assist his clients with critical strategy decisions. Eric also has substantial experience conducting patent appeals before the Patent Trial and Appeal Board (PTAB) at the USPTO, and has obtained multiple PTAB decisions reversing the Office on all contested grounds of rejection. He has evaluated and conducted diligence investigations of third party IP and defended his clients' IP in numerous due diligence investigations. In addition, Eric has represented both plaintiff and defendant clients in patent infringement litigation. Eric's international experience includes working with European counsel to oppose and defend patents in opposition proceedings before the European Patent Office. Eric's experience also includes prosecuting reissue patent, design patent and trademark applications.

Prior to joining the firm, Eric conducted his dissertation research in chromosome biology, focusing on processes that control meiotic chromosome segregation. His research, which utilized Drosophila melanogaster as a model genetic system, incorporated molecular, genetic, cytological and biochemical techniques to characterize the role of the Orientation Disruptor (ORD) and dRING proteins in promoting normal sister-chromatid cohesion and chromosome condensation during meiosis. He was the recipient of a National Institutes of Health (NIH) training grant award as a graduate student and, as an undergraduate, received a National Science Foundation award supporting a summer research internship performed at Carnegie Mellon University.

Eric has co-authored several published articles and abstracts. His research articles have appeared in the journals *Molecular Biology of the Cell, Chromosoma*, and *Current Biology*.

Eric is a member of the Firm's Management Committee.

IP NEWS ALERTS

- Patent Office Establishes Pilot Program for Accelerated Review of Cancer Immunotherapy Applications, *Hamilton Brook Smith Reynolds Alert*, August 3, 2016
- PTO Issues New Guidance Memorandum for Determining Patent Eligible Subject Matter, *Hamilton Brook Smith Reynolds Alert*, March 17, 2014

SPEAKING ENGAGEMENTS

- Participated as Panelist at the "Princeton-Yale Innovators Ignite Event," March 31, 2022
- "10 Intellectual Property Considerations for Protecting Your Company's Innovations," MIT Enterprise Forum of Cambridge/Hamilton Brook Smith Reynolds Lecture, Cambridge, MA, October 14, 2015