

Mandeep Kaur, PhD

SENIOR ASSOCIATE

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Dr. Mandeep Kaur uses her combination of technical and legal expertise to provide counsel to clients in the life sciences industries on IP matters including in the development of global patent portfolio management strategies to protect critical assets. Mandeep has particular expertise in biotechnology and pharmaceuticals including RNA therapeutics, antibody therapy, cell-based therapeutics, gene therapy and diagnostics. Her work focuses on patent prosecution and portfolio development, intellectual property due diligence, and post-grant patent challenges, in collaboration with Choate's IP Litigation Group.

Mandeep's research experience spans the fields of immuno-oncology during her postdoctoral research at MIT, to cancer genetics during her doctoral research at Dartmouth College. While at MIT, Mandeep was a Koch Institute Quinquennial Fellow and an IMPACT Fellow.

Focus Areas

- Intellectual Property
  - IP Counseling
  - Post Grant Proceedings
- Private Equity and M&A
  - Life Sciences and Technology

Recognition

- *Massachusetts Super Lawyers* Rising Star (2026)

Representative Engagements

Trial and Appellate Proceedings

- ***biomodal v. New England Biolabs* (D. Mass.):** Counsel for New England Biolabs in patent infringement suit relating to DNA methylation detection technology.
- ***Biogen Inc. and Biogen MA Inc. v. Sandoz Inc. et al.* (D. Del.):** Counsel for Biogen in biosimilar patent litigation under the Biologics Price Competition and Innovation Act (BPCIA) concerning TYSABRI® (natalizumab).

Patent Prosecution and Counseling

- Represented gene therapy company from foundational patent filings to acquisition, and beyond.
- Developed IP protection strategy for a company developing RNA therapeutics.
- Strategically managed and implemented gene therapy portfolio for large pharmaceutical company.

Post Grant Proceedings

- Supported life sciences company developing antibody therapeutics.
- Supported life sciences company developing reagents and kits for research and commercial use.

Due Diligence and Competitive Surveillance

- Managed and implemented competitive surveillance programs for life sciences companies.

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- Designed and performed patentability analyses including freedom-to-operate and landscape analyses for clients ranging from startups to large pharmaceutical companies.
- Handles IP due diligence on behalf of investors.

Publications and Presentations

- "IP Findings That Change Valuation," speaker, Oncology Venture, Innovation & Partnering Summit, October 2026
- "AI for DNA & RNA Patent Preparation – From Sequence Data to Draft-Ready Applications," speaker, *IP Watchdog*, 2026
- "Induction and Therapeutic Targeting of Human NPM1c+ Myeloid Leukemia in the Presence of Autologous Immune System in Mice," first author, *Journal of Immunology,* 2019
- "Commensal microflora-induced T cell responses mediate progressive neurodegeneration in glaucoma,", co-author, *Nature Communications*, 2018
- "Information-dense analysis for information-dense understanding," c0-first author, *Translational Cancer Research*
- "Interleukins 7 and 15 Maintain Human T Cell Function Through STAT5 Signaling," co-author, *PloS One*
- "Myc acts via the PTEN tumor suppressor to elicit autoregulation and genome-wide gene repression by activation of the Ezh2 methyltransferase," first author, *Cancer Research*
- "Myc post-transcriptionally induces Hif1 protein and target gene expression in normal and cancer cells," co-author, *Cancer Research*

Professional & Community Involvement

- Member of the PTAB Bar Association
- Member of the Boston Patent Law Association
- Member of the South Asian Bar Association
- Provides ongoing pro bono services in collaboration with Choate's pro bono team

Education & Credentials

- Suffolk University Law School, JD (2022)
- Dartmouth College, PhD (2013) *Cancer Biology*
- State University of New York at Buffalo, BS (2005) *summa cum laude; Major in Biochemistry, Minor in Biochemical Pharmacology*

Admissions

- Massachusetts
- U.S. Patent & Trademark Office