CHOATE

Mandeep Kaur, PhD

Senior Associate

T (617) 248-5115 | M +1 (716) 348-7441
mkaur@choate.com

Practice Areas

Intellectual Property Protection
Life Sciences

Education

Suffolk University Law School
JD (2022)

Dartmouth College
PhD (2013) *Cancer Biology*

State University of New York at Buffalo
BS (2005) *summa cum laude,*
Biochemistry and Biochemical Pharmacology

Admissions

Massachusetts
U.S. Patent & Trademark Office

Dr. Mandeep Kaur represents leading biotechnology and pharmaceutical companies in Intellectual Property matters with a focus on patent portfolio management, patent prosecution, and intellectual property due diligence. Mandeep leverages her extensive scientific experience in immuno-oncology, personalized medicine, and an interest in product commercialization in working with clients to manage their IP portfolios. Mandeep also works with Choate's IP Litigation Group on patent infringement cases and post-grant proceedings.

Mandeep's postdoctoral research at MIT focused on the development of humanized mice and neo-antigen CAR-T therapy for AML. Her doctoral thesis related to understanding molecular mechanisms of transcriptional repression by the oncogene c-Myc. While at MIT, Mandeep was a Koch Institute Quinquennial Fellow and an IMPACT Fellow.

Publications and Presentations

- "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," co-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 and Community Involvement

- Member of the PTAB Bar Association
- Member of the Boston Patent Law Association
- Member of the South Asian Bar Association