

Andrew T. Wilkins

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Patent Counseling and Prosecution

Intellectual Property

Patent Counseling and Prosecution – Life Sciences

Life Sciences and Healthcare

Biotechnology

Andrew is a partner in Cooley's patent counseling and prosecution group, where he brings deep technical experience and strategic insight to clients across the biotechnology sector. With a practice focused on patent law for cutting-edge life sciences innovations, Andrew advises companies and investors on global patent portfolio development, life cycle management, IP due diligence and post-grant proceedings.

Andrew's work spans a spectrum of advanced biotechnologies, including therapeutic antibodies and antibody-like molecules targeting oncology, autoimmune, cardiovascular and infectious diseases. He has extensive experience with immunotherapy platforms, such as CAR-T cells, recombinant T cell receptors (TCRs), peptide-based vaccines and immune checkpoint inhibitors. His technical fluency includes antibody and TCR engineering, Fc glycoengineering, viral delivery systems (lentiviral and adenoviral-associated virus vectors), gene therapy (replacement and editing), nanoparticle liposomes, RNA interference (RNAi) technologies and drug screening assays. He also advises on Bayh-Dole compliance for IP arising from National Institutes of Health-funded research.

With a strong foundation in academic and industrial research, Andrew previously served as an instructor in medicine at Harvard Medical School/Beth Israel Deaconess Medical Center and held research roles at GlaxoSmithKline, MRC Laboratory of Molecular Biology and Celltech. He has authored numerous peer-reviewed publications in leading journals, underscoring his ability to translate complex science into strategic IP protection.

Education

Suffolk University Law School JD

University of London PhD, Molecular Cell Biology

University of Glasgow BSc, Biochemistry

Admissions & Credentials

Massachusetts

United States Patent and Trademark Office (USPTO)

Rankings & Accolades

The Legal 500 US: Intellectual Property: Patents: Prosecution (2025)

IAM Patent 1000: Recommended Patent Practitioner in Massachusetts (2023 – 2025)

Super Lawyers: Rising Star (2016 – 2022)