Regina Jin, Ph.D.

Associate

New York

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OVERVIEW

Regina focuses her practice on patent prosecution and counselling in the areas of chemistry, pharmaceuticals, and biotechnology. She assists clients with preparation and prosecution of U.S. and foreign patent applications, freedom to operate (FTO) opinions, patentability analysis, design-around strategies, and infringement or validity assessment. Her technical knowledge covers a broad range of technologies, including small molecules, formulations, DNA sequencing, biosensors, and artificial intelligence (AI) therapeutics.

Regina counsels clients regarding patent filing and prosecution strategies for drugs, chemicals, and nutritional products. She develops patent portfolios in line with clients' business interests and goals. She also evaluates the patent assets of target companies to help clients making purchasing or licensing decisions, and provides freedom to operate opinions for use and communalization of products. Additionally, Regina negotiates IP licensing agreements with domestic and foreign parties for patents, trademarks, and designs.

Prior to her legal career, Regina was a postdoctoral chemist at Columbia University studying the synthesis and analytical techniques for next generation DNA sequencing. She holds a Ph.D. degree in chemistry with research focusing on DNA synthesis and nanopore electrochemical sensors. She has authored several widely cited scientific articles in top-tier chemistry and biology journals.

Regina investigated AI and IP laws and led a research project advocating a new patent track for AI inventions. She also co-founded a machine learning-based patent search website and a 3D-printing platform for custom-made undergarments. At law school, she worked as a mediator resolving commercial and property disputes in the NYC Small Claims Court.

TOP AREAS OF FOCUS

- Health Care + Life Sciences
- Health Care + Life Sciences Intellectual Property
- Intellectual Property
- Patent Prosecution, Counseling + Portfolio Management
- Technology

PROFESSIONAL/COMMUNITY INVOLVEMENT

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- Member, WIPO Alternative Dispute Resolution (ADR) Young
- Co-chair of the Wellness Committee, Asian American Bar Association of New York
- Pathfinders Program, Leadership Council on Legal Diversity (2026)

EDUCATION AND CERTIFICATIONS

EDUCATION

- Fordham University School of Law, J.D., 2021, *Fordham Intellectual Property, Media & Entertainment Law Journal*
- Columbia University, Postdoctoral Fellow, 2017
- The University of Utah, Ph.D., 2013, chemistry
- Nanjing Tech University, B.E., 2008, pharmaceutics

BAR ADMISSIONS

- New York
- U.S. Patent and Trademark Office

LANGUAGES

- Mandarin Chinese

SPEAKING ENGAGEMENTS

- Moderator, "Career Changes and Resilience," Asian American Bar Association of New York's 2026 4th Annual Wellness Day, June 13, 2026.
- Speaker, "Molecules, Motions, and Markets: Life Science Patent Strategies", Fordham School of Law's Bridge the Gap 2026, January 17, 2026.
- Speaker, "Patent Law 101: Essential Patenting Knowledge for Scientists," 2025 Utah Electrochemistry Symposium (UTES), July 25-26, 2025.

PUBLICATIONS

- Co-author, "Summoning a New Artificial Intelligence Patent Model: In the Age of Pandemic," *Mich. St. L. Rev., Vol. 2021*, No. 3, 2021.
- Co-author, "Quantum Dots Based Fluorescent Traffic Light Nanoprobe for Specific Imaging of Avidin-Type Biotin Receptor and Differentiation of Cancer Cell Types and Phases," *Anal. Chem.*, 91:8958, 2019.
- Co-author, "Temperature and Electrolyte Optimization of the ?-Hemolysin Latch Sensing Zone for Detection of Base Modification in Double-Stranded DNA," *Biophys. J.*, 107:924, 2014.
- Co-author, "Base-Excision Repair Activity of Uracil-DNA Glycosylase Monitored Using the Latch Zone of ?-Hemolysin," *J. Am. Chem. Soc.*, 135:19347, 2013.
- Co-author, "Structural Destabilization of DNA Duplexes Containing Single-Base Lesions Investigated by Nanopore Measurements," *Biochemistry*, 52:7870, 2013.
- Co-author, "Sequence-Specific Single-Molecule Analysis of 8-Oxo-7, 8-Dihydroguanine Lesions in DNA Based on Unzipping Kinetics of Complementary Probes in Ion Channel Recordings," *J. Am. Chem. Soc.*, 133:37, 14778, 2011.

- Co-author, “Unzipping Kinetics of Duplex DNA Containing Oxidized Lesions in an ?-Hemolysin Nanopore,” *J. Am. Chem. Soc.*, 134:11006, 2012.
- Co-author, “Nanopore Detection of 8-oxo-7, 8-dihydro-2?-deoxyguanosine in Immobilized Single-stranded DNA via Adduct Formation to the DNA Damage Site,” *J. Am. Chem. Soc.*, 132:51, 17992, 2010.