

Benjamin D. Heuberger, Ph.D.

Associate

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OVERVIEW

Ben Heuberger supports life-science companies translating discoveries into impactful therapeutic options for those that need them most—the patients. He advises entrepreneurs and established life-science companies on building and defending patent estates that champion their scientific, clinical, and commercial endeavors globally.

His patent counseling spans stages of discovery, development, and commercialization as well as acquisition and investor diligence activities. Ben's expertise includes biochemistry and molecular biology with a focus on synthetic organic chemistry and is relied on by public, private, and venture-funded companies with matters relating to an array of small molecule pharma and biotech innovations at diverse stages of maturity.

Awarded a postdoctoral fellowship jointly at Harvard Medical School and the Howard Hughes Medical Institute under Nobel Laureate Dr. Jack Szostak, he also interned with a research ventures and licensing group affiliated with a major academic medical center, was a Fellow with Harvard's Office of Technology Development, and a member of the Graduate Consulting Club.

PROFESSIONAL BACKGROUND

Prior to joining the firm, Benjamin was a patent agent in the Boston office of a national law firm.

PROFESSIONAL / CIVIC ACTIVITIES

- American Chemical Society

EDUCATION

- B.A., Calvin College
- B.S., Calvin College
- J.D., Chapman University Fowler School of Law
- Ph.D., University of California, Riverside

ADMISSIONS

- Bar of California
- United States Patent and Trademark Office

LANGUAGES

- French

THOUGHT LEADERSHIP *POWERED BY HUB*

- 6 November 2025, USPTO Launches Streamlined Patent Application Program
- 24 December 2024, USPTO Patent and Trademark Fee Increases

OTHER PUBLICATIONS

- "Replacing Uridine with 2-Thiouridine Enhances the Rate and Fidelity of Nonenzymatic RNA primer Extension," *Journal of the American Chemical Society, 137, 2769-2775*, 2015
- "Crystal Structure Studies of RNA Duplexes Containing s2U:A and s2U:U Base Pairs," *Journal of the American Chemical Society, 136, 13916-13924*, 2014
- "Solution Structure of a Parallel-Stranded Oligoisoguanine DNA Pentaplex Formed by d[T(iG)4T] in the Presence of Cs+ Ions," *Angewandte Chemie Int. Ed. 2012, 51, 7952-7955*
- "Combinatorial Synthesis of Thrombin-Binding Aptamers Containing iso-Guanine," *Journal of Combinatorial Chemistry, 11, 364-369*, 2009
- "A Pre-RNA Candidate Revisited: Both Enantiomers of Flexible Nucleoside Triphosphates are DNA Polymerase Substrates," *Journal of the American Chemical Society, 130, 412-413*, 2008
- "Two Watson–Crick-like Metallo Base Pairs," *Organic Letters, 10, 1091-1094*, 2008
- "An Alternative Nucleobase Code: Characterization of Purine–Purine DNA Double Helices Bearing Guanine–Isoguanine and Diaminopurine 7-Deaza-Xanthine Base Pairs," *ChemBioChem, 9, 2779-2783,* 2008
- "Nonenzymatic Oligomerization of RNA by TNA Templates," *Organic Letters, 8, 5809-5811*, 2006
- "A Purine-like Nickel(II) Base Pair for DNA," *Angewandte Chemie Int. Ed. 2005, 44, 1529-1532*

NEWS & EVENTS

- 5 March 2025, K&L Gates Advises SoniVie in its Acquisition by Boston Scientific for US$600 Million

AREAS OF FOCUS

- IP Procurement and Portfolio Management

INDUSTRIES

- Healthcare