

## Jenny Liu

PATENT AGENT

Patents and  
Innovations  
Boston

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## FOCUS AREAS

Intellectual Property  
Life Sciences  
Patents and Innovations

## EXPERIENCE

Jenny Liu is a patent agent in the Boston office of Wilson Sonsini Goodrich & Rosati, where she is a member of the patents and innovations practice. She has technical knowledge across a variety of fields, including organic, polymer, bioconjugate, and peptide chemistry. Her practice focuses on patent prosecution and intellectual property matters for life sciences clients.

Prior to joining the firm, Jenny held positions as a medicinal, synthetic, and process chemist at several biotech start-ups and a specialty CRO and worked primarily in the small molecule and bioconjugates space.

Jenny earned her Ph.D. in chemistry from Massachusetts Institute of Technology, in the lab of Professor Jeremiah Johnson. Her research focused on the design and synthesis of polymer-drug conjugates using ring opening metathesis polymerization. Jenny has co-authored several scientific publications and a book chapter. Additionally, she has presented at American Chemical Society national meetings and is a co-inventor on five patent applications.

## CREDENTIALS

### Education

- Ph.D., Chemistry, Massachusetts Institute of Technology, 2017  
*Recipient, National Sciences and Engineering Research Council of Canada Postgraduate Scholarship; Recipient, MIT Department of Chemistry Award for Outstanding Teaching*
- B.S., Chemistry, McGill University, 2011  
*With First Class Honours, Dean's Honour List*

### Associations and Memberships

- Member, American Chemical Society
- Member, American Intellectual Property Law Association

### Admissions

- U.S. Patent and Trademark Office

## INSIGHTS

### Select Publications

- Co-author, "Rational Design of Macrocyclic Noncovalent Inhibitors of SARS-CoV-2 Mpro from a DNA-Encoded Chemical Library Screening Hit That Demonstrate Potent Inhibition against Pan-Coronavirus Homologues and Nirmatrelvir-Resistant Variants," *67(21) Journal of Medicinal Chemistry* 19623-19667, 2024
- Co-author, "Reduction of Liver Fibrosis by Rationally Designed Macromolecular Telmisartan Prodrugs," *2 Nature Biomedical Engineering* 822-830, 2018

- Co-author, "Chapter 2.1.5 Alkene Metathesis Based Polymerization," 2 *Science of Synthesis: N-Heterocyclic Carbenes in Catalytic Organic Synthesis* 99-126, 2017
- Co-author, "A Convergent Synthetic Platform for Single-Nanoparticle Combination Cancer Therapy: Ratiometric Loading and Controlled Release of Cisplatin, Doxorubicin, and Camptothecin," 136(16) *Journal of the American Chemical Society* 5896-5899, 2014
- Co-author, "'Brush-First' Method for the Parallel Synthesis of Photocleavable, Nitroxide-Labeled Poly(ethylene glycol) Star Polymers," 134(39) *Journal of the American Chemical Society* 16337-16344, 2012