

Seth Lee

ASSOCIATE

Patents and
Innovations
Palo Alto

seth.lee@wsgr.com
212-453-2834

FOCUS AREAS

Diagnostics, Life Science
Tools, and Deep Tech
Intellectual Property
Life Sciences
Patents and Innovations

EXPERIENCE

Dr. Seth Lee is an associate in the Palo Alto office of Wilson Sonsini Goodrich & Rosati, where he is a member of the patents and innovations practice. His practice focuses on patent prosecution and due diligence matters in the fields of biotechnology, therapeutic, genomics, medical devices, artificial intelligence, and additive manufacturing.

Prior to joining the firm, Seth conducted doctoral research on developing biomaterials based on supramolecular chemistry and self-assembly under the supervision of Professor Samuel I. Stupp at Northwestern University. During his postdoctoral research in the laboratory of Professor Helen H. Blau at Stanford University, he studied muscle stem cell biology for muscle regeneration.

CREDENTIALS

Education

- J.D., Fordham University School of Law, 2024
- Postdoctoral Scholar, Stanford University, 2017
- Ph.D., Materials Science and Engineering, Northwestern University, 2015
Samsung Scholarship Ph.D. Fellow
- B.S., Materials Science and Engineering, Cornell University, 2009

Admissions

- State Bar of California
- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-author with T. Fyrner, S. Stupp et al., "Sulfated glycopeptide nanostructures for multipotent protein activation," 12(8) *Nature Nanotechnology* 821-9, 2017
- Co-author with R. Freeman, N. Stephanopoulos, and S. Stupp et al., "Instructing cells with programmable peptide DNA hybrids," 8(15982) *Nature Communications*, 2017
- Co-author with E. Pazos, S. Stupp et al., "Nucleation and growth of ordered arrays of silver nanoparticles on peptide nanofibers: hybrid nanostructures with antimicrobial properties," 138(17) *Journal of the American Chemical Society* 5507-10, 2016
- Co-author with M. Conda-Sheridan, A. Preslar, and S. Stupp, "Esterase-activated release of naproxen from supramolecular nanofibers," 50(89) *Chemical Communications*, 2014
- Co-author with B. Huang, S. Stupp et al., "Bone regeneration with low dose BMP-2 amplified by biomimetic supramolecular nanofibers within collagen scaffolds," 34(2) *Biomaterials* 452-9, 2013
- Co-author with Y. Lim, G. Malliaras et al., "Spray-deposited poly(3,4-ethylenedioxythiophene): poly(styrenesulfonate) top electrode for organic solar cells," 93(19) *Applied Physics Letters*, 2008

TECHNICAL FLUENCY

Biological Sciences and Biotechnology

- Cell biology
- Cell therapy
- Immunology

Therapeutics and Drug Discovery

- CRISPR
- Gene editing

Diagnostics and Medical Devices

- Biomedical devices

Chemistry and Material Science

- Protein engineering

Engineering and Technology

- Materials science
- Microfluidics

Genomics and Data Analysis

- Sequencing