

Jing Wang

ASSOCIATE

Patents and
Innovations
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FOCUS AREAS

Intellectual Property
Life Sciences
Patents and Innovations

EXPERIENCE

Dr. Jing Wang is an associate in the New York office of Wilson Sonsini Goodrich & Rosati, where she is a member of the patents and innovations practice. She focuses on patent prosecution and due diligence matters in the fields of biotechnology, gene therapy, diagnostics, additive manufacturing, materials, medical device, and health information technology.

Prior to joining the firm, Jing completed her doctoral degree at Yale University. Her Ph.D. dissertation focused on developing novel techniques for manufacturing vesicles with predefined attachments to scaffolds of DNA. She studied the underlying mechanisms of DNA directed vesicle formation. Jing's technical areas of expertise include nanotechnology, cell biology, synthetic chemistry, biomedical engineering, and other engineering disciplines.

CREDENTIALS

Education

- J.D., Fordham University School of Law
- Ph.D., Chemistry, Yale University
- B.S., Chemistry, Case Western Reserve University

Admissions

- State Bar of Connecticut
- State Bar of New York
- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-author with Y. Yang, H. Shigematsu, W. Xu, W. M. Shih, J.E. Rothman, and C. Lin, "Self-assembly of Size-Controlled Liposomes on DNA Nanotemplates," *Nature Chemistry*, 2016
- Co-author with W. Xu, B. Nathwani, C. Lin, E. Karatekin, F. Pincet, W. Shih, and J.E. Rothman, "A Programmable DNA Origami Platform to Organize SNAREs for Membrane Fusion," 138(13) *Journal of the American Chemical Society* 4439-47, 2016
- Co-author with J. Wang, O. Bello, S.M. Auclair, J. Coleman, F. Pincet, S.S Krishnakumar, C.V. Sindelar, and J.E. Rothman, "Calcium Sensitive Ring-like Oligomers Formed by Synaptotagmin," 111(38) *Proceedings of the National Academy of Sciences* 13966-71, 2014
- Co-author with L. Shi, Q. Shen, A. Kiel, H. Wang, T.J. Melia, J.E. Rothman, and F. Pincet, "SNARE Proteins: One to Fuse and Three to Keep the Nascent Fusion Pore Open," 335(6074) *Science* 1355-9, 2012