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FOCUS AREAS

Intellectual Property

Life Sciences

Patents and Innovations

EXPERIENCE

Dr. Rachna Ujwal is an associate in the patents and innovations practice in the New York office of Wilson Sonsini Goodrich & Rosati. She focuses on strategic intellectual property counseling for clients in the life sciences industry ranging from venture-stage start-ups to growing biotherapeutic companies.

Rachna started with the firm in 2014 as a scientific advisor, rose to senior patent agent, and then transitioned to associate, after participating in the firm's law school work-study program for patent agents to go to law school.

Prior to joining the firm, Rachna was a co-founder of a life sciences start-up providing research tools for characterizing membrane protein drug targets. She also gained experience at the UCLA Office of Intellectual Property, where she worked with the entrepreneurship and new ventures group.

Rachna's doctoral and postdoctoral research focused on understanding the structure-function relationship of membrane proteins involved in cardiovascular and metabolic pathways. She is the author of several scientific publications and has presented her research at numerous international conferences.

CREDENTIALS

Education
- J.D., Fordham University School of Law
- Ph.D., Molecular, Cellular, and Integrative Physiology, University of California, Los Angeles
- M.Sc., Biophysics, All India Institute of Medical Sciences, New Delhi
- B.Sc., Human Biology, All India Institute of Medical Sciences, New Delhi
  With Honors

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

INSIGHTS

Select Publications

- "Affixing the N-terminal alpha helix of the voltage dependent anion channel to the channel's wall does not prevent its voltage gating," 287(14) *Journal of Biological Chemistry* 11437-45, 2012
- "High-throughput crystallization of membrane proteins using lipidic bicelle method," 59 *Journal of Visualized Experiments* e3383, 2012
- "Crystallizing membrane proteins using lipidic bicelles," 55(4) *Method* 337-41, 2011

- "Crystal packing analysis of mVDAC1 crystals in a lipidic environment reveals novel insights on oligomerization and orientation," 3(3) *Channels* 167-70, 2009
- "The crystal structure of mouse VDAC1 at 2.3A resolution reveals mechanistic insights into metabolite gating," 105(46) *Proceedings of the National Academy of Sciences* 17742-7, 2008