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Patents and Innovations

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FOCUS AREAS

Biotech

Intellectual Property

Life Sciences

Patents and Innovations

EXPERIENCE

Yingchun Ni is an associate in the San Diego office of Wilson Sonsini Goodrich & Rosati, where his practice focuses on patent prosecution and intellectual property counseling in the life sciences and biotechnology industries.

Prior to joining the firm, Yingchun was an associate at an Am Law 200 firm, where his practice involved patent prosecution, due diligence, and intellectual property licensing. Yingchun received his Ph.D. in Neuroscience from the University of California, Riverside. His doctoral research focused on the calcium-dependent glutamate release from astrocytes. After graduate school, he worked as a postdoctoral researcher at the National Institutes of Health, where he investigated the non-synaptic ATP release-mediated signaling between neurons and glia. Following that, he continued his postdoctoral research at Boston Children's Hospital, where he studied neural circuits in the spinal cord using recombinant viral tracing tools. Yingchun co-authored a dozen scientific papers and was a recipient of a research grant from a spinal cord research foundation.

Yingchun is a native speaker of Mandarin Chinese.

CREDENTIALS

Education

- J.D., University of Michigan Law School, 2019
  Dean's Scholarship; Managing Articles Editor, Michigan Technology Law Review
- Ph.D., Neuroscience, University of California, Riverside, 2006
- B.S., Biophysics, Fudan University, 2000

Admissions

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

INSIGHTS

Select Publications

- Co-author, "Characterization of long descending premotor propriospinal neurons in the spinal cord," 34 (28) *J Neurosci.* 9404-9417, 2014
- Co-author, "Non-synaptic communication through ATP release from volume-activated anion channels in axons," 3(142) *Sci. Signal.* ra73, 2010
- Co-author, "Dual regulation of Ca2+-dependent glutamate release from astrocytes: vesicular glutamate transporters and cytosolic glutamate levels," 57(12) *Glia* 1296-1305, 2009
- Co-author, "Ca2+ entry through TRPC1 channels contributes to intracellular Ca2+ dynamics and consequent glutamate release from rat astrocytes," 56(8) *Glia* 821-835, 2008

- Co-author, “Vesicular release of glutamate mediates bidirectional signaling between astrocytes and neurons,” 103(4) *J Neurochem.* 1273-1284, 2007
- Co-author, “Vesicular glutamate transporter-dependent glutamate release from astrocytes,” 24(11) *J Neurosci.* 2633- 2642, 2004