

Yingchun Ni

ASSOCIATE

Patents and
Innovations
San Diego

yni@wsgr.com
858-350-2390

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. His practice focuses on patent portfolio development and patent strategy counseling for clients in the biotechnology and pharmaceutical industries. He advises clients on matters related to patent preparation and prosecution, patent strategy, patent portfolio management, freedom-to-operate, due diligence, patentability, and non-infringement and invalidity analysis. Yingchun has represented clients of early-stage start-ups, clinical-stage companies, and venture capital firms in connection with financings, collaboration and licensing agreements, public offerings, and mergers and acquisitions.

Prior to his legal career, Yingchun obtained his Ph.D. in Neuroscience from the University of California, Riverside, where he studied neurotransmitter release. After graduate school, he conducted postdoctoral studies at the National Institutes of Health and Boston Children's Hospital and his postdoctoral research focused on neural signaling and neural circuits.

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

TECHNICAL FLUENCY

Biological Sciences and Biotechnology

- Antibody
- Biochemistry
- Biologics
- Cancer biology
- Cancer therapeutics
- CAR-T cells
- Cell biology
- Cell culture products
- Cell therapy
- Cellular biology
- Cellular immunology
- Genetics
- Immuno-oncology
- Immunobiology
- Immunology
- Microbiology
- Molecular biology
- Molecular genetics
- Neurobiology
- PCR

Therapeutics and Drug Discovery

- Gene therapy
- Immunotherapy targets
- Neuropharmacology
- Pharmacodynamics
- Pharmacokinetics

Diagnostics and Medical Devices

- Biosensors
- Diagnostics
- Point-of-care testing (POCT)

Genomics and Data Analysis

- Next-generation sequencing

Miscellaneous

- Cancer
- COVID 19
- Fluorescence microscopy
- Formulations
- Physiology