

Wei Huang

ASSOCIATE

Patents and
Innovations
New York

whuang@wsgr.com
212-453-2816

FOCUS AREAS

Intellectual Property
Life Sciences
Patents and Innovations

EXPERIENCE

Dr. Wei Huang is an associate in the New York office of Wilson Sonsini Goodrich & Rosati, where he is a member of the patents and innovations practice. His scientific expertise spans across a variety of fields, including neurobiology, molecular and cell biology, genetics, biochemistry, and pharmacology.

Prior to joining the firm, Wei was a patent agent at a biotech start-up company that develops nanotechnology-based personal diagnostic devices. Before that, Wei was a postdoctoral fellow at Johns Hopkins School of Medicine, where he focused on interrogating biology of neural stem cells in adult mammalian brain. During his doctoral training at Baylor College of Medicine, Wei studied molecular and cellular mechanisms underlying memory formation, as well as memory-related neurological disorders, such as addiction, autism, and dementia.

CREDENTIALS

Education

- J.D., Fordham University School of Law
- Postdoctoral Fellowship, Neurology and Stem Cell, Johns Hopkins School of Medicine
- Ph.D., Neuroscience, Baylor College of Medicine
- B.S., Biological Sciences, University of Science and Technology of China

Admissions

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

INSIGHTS

Select Publications

- Co-author, "Translational control by eIF2 α phosphorylation regulates vulnerability to the synaptic and behavioral effects of cocaine," *eLife*, 2016
- Co-author, "Experience matters: enrichment remodels synaptic inputs to adult-born neurons," 85(4) *Neuron* 659-61, 2015
- Co-author, "TORC2: a novel target for treating age-associated memory impairment," 5(15193) *Scientific Reports*, 2015
- Co-author, "Translational control in synaptic plasticity and cognitive dysfunction," 37 *Annual Review of Neuroscience* 17-38, 2014
- Co-author, "Translational control of mGluR-dependent long-term depression and object-place learning by eIF2 α ," 17 *Nature Neuroscience* 1073-82, 2014
- Co-author, "mTORC2 controls actin polymerization required for consolidation of long-term memory," 16(4) *Nature Neuroscience* 441-8, 2013
- Co-author, "Truncation of *Ube3a-ATS* restores *Ube3a* expression and behavioral defects in the Angelman syndrome mouse model," 9(12) *PLOS Genetics*, 2013

- Co-author, "Suppression of PKR promotes network excitability and enhanced cognition by interferon- γ -mediated disinhibition," 147(6) *Cell* 1384-96, 2011
- Co-author, "Selective pharmacogenetic inhibition of mammalian target of Rapamycin complex I (mTORC1) blocks long-term synaptic plasticity and memory storage," 108(9) *Proceedings of the National Academy of Sciences of the United States of America* 3791-96, 2011
- Co-author, "No capacity limit in attentional tracking: evidence for probabilistic inference under a resource constraint," 9(11) *Journal of Vision* 1-30, 2009