WILSON SONSINI

James Ryan
PATENT AGENT

Patents and Innovations
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FOCUS AREAS

Intellectual Property

Life Sciences

Patents and Innovations

EXPERIENCE

James Ryan is a patent agent in the New York office of Wilson Sonsini Goodrich & Rosati, where he is a member of the patents and innovations practice. His scientific background includes experience in neuroscience, pharmacology, genetics, and cellular and molecular biology. James applies his experience to patent prosecution, freedom-to-operate, and due diligence matters for clients in the life sciences, pharmaceutical, biotechnology, diagnostics, and medical devices industries.

Prior to joining the firm, James completed his doctoral training at Weill Cornell Graduate School of Medical Sciences of Cornell University. His dissertation investigated genetic polymorphisms and novel therapeutics relevant to neuropsychiatric disease. During graduate school, James also spent time working within Cornell University's Center for Technology Licensing office on technology transfer matters.

CREDENTIALS

Education
- Ph.D., Neuroscience, Weill Cornell Graduate School of Medical Sciences of Cornell University, 2022
- B.A., Biology and Psychology, Reed College, 2016

Admissions
- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-first author, "The role of BDNF in mediating the prophylactic effects of (R,S)-ketamine on fear generalization and extinction," *Translational Psychiatry*, 2022
- Co-author, "Endocannabinoid signaling collapse mediates stress-induced amygdalo-cortical strengthening," *Neuron*, 2020
- Co-first author, "Sex differences in the rat hippocampal opioid system after oxycodone conditioned place preference," *Neuroscience*, 2018