WILSON SONSINI

Julian Bieber-Dishart

PATENT AGENT

Patents and Innovations

San Francisco

jbieberdishart@wsgr.com
415-947-2445

FOCUS AREAS

Biotech

Life Sciences

Patents and Innovations

EXPERIENCE

Dr. Julian Bieber-Dishart is a patent agent in the San Francisco office of Wilson Sonsini Goodrich & Rosati, where his work focuses on patent prosecution and intellectual property strategy, particularly in the life sciences and biotechnology fields.

Prior to joining the firm, Julian completed his doctorate in neuroscience at University of California, Berkeley, where his work uncovered a novel role for the central nervous system in coordinating mitochondrial function in peripheral tissues. Before his graduate studies, Julian's research focused on neurodevelopmental and neurodegeneration biology.

CREDENTIALS

Education

- Ph.D., Neuroscience, University of California, Berkeley, 2024
- B.A., Neuroscience, Vassar College, 2017

Admissions

- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- First Author, "Olfaction regulates peripheral mitophagy and mitochondrial function," *Science Advances*, in press, 2024
- Co-author, "Glial-derived mitochondrial signals affect neuronal proteostasis and aging," 9(41) *Science Advances*, 2023
- Co-author, "Glia of C. elegans coordinate a protective organismal heat shock response independent of the neuronal thermosensory circuit," 8(49) *Science Advances*, 2022
- Co-author, "Brains and brawn: Stress-induced myokine abates nervous system aging," 33(6) *Cell Metabolism* 1067-1069, 2021
- Co-author, "Neurotoxic microglia promote TDP-43 proteinopathy in progranulin deficiency," 588(7838) *Nature* 459-465, 2020
- Co-author, "Chemogenetic stimulation of the infralimbic cortex reverses alcohol-induced fear memory overgeneralization," 9(1) *Scientific reports* 6730, 2019

TECHNICAL FLUENCY

Biological Sciences and Biotechnology

- Cell biology

- Cellular biology
- Epigenetics
- Genetics
- Host-pathogen interactions
- Molecular genetics
- Neurobiology
- PCR

Therapeutics and Drug Discovery

- Gene editing
- Gene therapy
- Immunotherapy targets
- Neuropharmacology
- RNA interference (RNAi)

Genomics and Data Analysis

- Next-generation sequencing
- Sequencing
- shRNA
- Single-Cell sequencing

Miscellaneous

- Psychology