WILSON SONSINI

Daria Lukasz

PATENT AGENT

Patents and Innovations

Washington, D.C.

dlukasz@wsgr.com
202-973-8858

FOCUS AREAS

Patents and Innovations

EXPERIENCE

Dr. Daria Lukasz is a patent agent in the Washington, D.C., office of Wilson Sonsini Goodrich & Rosati, where she is a member of the patents and innovations group. Her background includes extensive knowledge in the biomedical sciences, particularly cellular and molecular biology, genetics, neuroscience, and developmental biology.

Prior to joining the firm, Daria completed her doctoral training at the National Institutes of Health in Bethesda, MD, under the guidance of Dr. Katie Kindt. As a graduate student in the NIH-Johns Hopkins University Graduate Partnerships Program, she used a combination of genetics, pharmacology, electrophysiology, and *in vivo* cell biology assays to study sources of metabolic stress in auditory and vestibular hair cells in a zebrafish model of deafness.

CREDENTIALS

Education

- Ph.D., Biology, Johns Hopkins University, 2022
- B.A., Biological Basis of Behavior, University of Pennsylvania, 2016
  Magna Cum Laude, Honors in Neuroscience

Admissions

- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-author with M. Tsuda, T. Akoh-Arrey, J. Mercurio, A. Rucker, M. Airey, H. Jacobs, W. Lijing, and H. Cameron, “Initiating social aggression in male mice: Role of adult-born hippocampal neurons,” *Hippocampus*, 2024
- Co-author with H. Wong, C. Drerup, and K. Kindt, “In vivo investigation of mitochondria in lateral line afferent neurons and hair cells,” 431 *Hearing Research,* 2023
- Co-author with A. Beirl and K. Kindt, “Chronic neurotransmission increases the susceptibility of lateral-line hair cells to ototoxic insults,” 11 *eLife*, 2022
- Co-author with K. Kindt, “In Vivo Calcium Imaging of Lateral-line Hair Cells in Larval Zebrafish,” 141 *Journal of Visualized Experiments*, 2018

TECHNICAL FLUENCY

Biological Sciences and Biotechnology

- Biologics

- Cell biology
- Cell culture products
- Cell therapy
- Cellular biology
- Epigenetics
- Genetics
- Genomics
- Molecular biology
- Molecular genetics
- Neurobiology
- PCR
- Stem cell biology

Therapeutics and Drug Discovery

- CRISPR
- Gene editing
- Gene therapy
- Neuropharmacology

Diagnostics and Medical Devices

- Neuroimaging

Genomics and Data Analysis

- Computational biology
- Functional genomics
- Next-generation sequencing
- Sequencing
- Single-cell sequencing

Miscellaneous

- Fluorescence microscopy
- Psychology