WILSON SONSINI

Jedediah Tressler

ASSOCIATE

Patents and Innovations

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FOCUS AREAS

Biotech

Intellectual Property

Life Sciences

Patents and Innovations

EXPERIENCE

Jedediah Tressler, Ph.D., is an associate in the Boston office of Wilson Sonsini Goodrich & Rosati.

Before joining the firm, Jedediah worked as a patent agent focusing on mRNA therapies, gene editing technologies, and lipid nanoparticle delivery vehicles. In this role, he performed due diligence projects, patent landscape reviews, and competitive intelligence; drafted patent applications; and prosecuted patent applications for a variety of start-up and later-stage companies.

Prior to working in intellectual property law, Jedediah worked as a postdoctoral fellow at the University of Oregon, where he studied the neural-network control of color change in cephalopods, including bioinformatics research related to sequencing the cuttlefish genome. In graduate school at Texas A&M University, his doctorial research focused on the role of the basal ganglia in the control of volitional vocalization in mammals, including developing a mammalian model for parkinsonian dysarthria to examine the role of dopamine in the control of vocalization.

CREDENTIALS

Education

- J.D., University of New Hampshire Franklin Pierce School of Law, 2025
  Summa Cum Laude, Daniel Webster Scholar
- Ph.D., Zoology with a focus on Neurobiology, Texas A&M University, 2010
- B.S., Biology, West Virginia University, 2002
  Magna Cum Laude, University Honors Student

Admissions

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

INSIGHTS

Select Publications

- Co-author with F. Maddox, E. Goodwin, Z. Zhang, and N. Tublitz, “Arm regeneration in two species of cuttlefish Sepia officinalis and Sepia pharaonic,” 14(1) *Invertebrate Neuroscience* 37-49, 2013
- Co-author with C. Schwartz, P. Wellman, and M. Smotherman, “Regulation of Bat Echolocation Pulse Acoustics by Striatal Dopamine,” 214(19) *Journal of Experimental Biology* 3238-47, 2011
- “The Basal Ganglia as a Structure of Vocal Sensory-Motor Integration and Modulation of Vocal Plasticity in Mammals: Behavioral and Experimental Evidence from Tadarida brasiliensis,” *Ph.D. Dissertation*, Texas A&M University, 2010
- Co-author with M. Smotherman, “Context-dependent effects of noise on echolocation pulse characteristics in free-tailed bats,” 195(10) *Journal of Comparative Physiology A* 923-934, 2009

TECHNICAL FLUENCY

Biological Sciences and Biotechnology

- Biologics
- Genetics
- Neurobiology

Therapeutics and Drug Discovery

- Drug delivery
- Gene editing
- Neuropharmacology
- RNA interference (RNAi)

Miscellaneous

- Food science