

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

NOVARTIS PHARMACEUTICALS CORPORATION,
Petitioner,

v.

THE REGENTS OF THE UNIVERSITY OF MICHIGAN and
UNIVERSITY OF SOUTH FLORIDA,
Patent Owners.

Case IPR2023-01347
U.S. Patent No. 10,633,344

**DECLARATION OF JACQUELINE T. MORAN, PH.D. IN SUPPORT OF
PATENT OWNERS' MOTION FOR *PRO HAC VICE* ADMISSION**

I, Jacqueline T. Moran, hereby declare to the following:

1. I am a member in good standing of the State Bar of Texas, United States.
2. I have not been suspended or disbarred from practice before any court or administrative body.
3. I have never had an application for admission to practice before any court or administrative body denied.
4. No sanction or contempt citation has been imposed against me by any court or administrative body.
5. I have read and will comply with the Office Patent Trial Practice Guide and the Board's Rules of Practice for Trials set forth in Part 42 of Title 37 of the Code of Federal Regulations.
6. I will be subject to the USPTO Rules of Professional Conduct set forth in 37 C.F.R. §§ 11.101 *et seq.* and disciplinary jurisdiction under 37 C.F.R. § 11.19(a).
7. In the past three years, I have not applied for admission *pro hac vice* in any proceeding before the U.S. Patent and Trademark Office.
8. I am a litigation attorney with 4 years of experience representing clients in patent cases in the pharmaceuticals, mechanical devices, and life sciences industries. I regularly litigate patent cases in various forums including before the

United States District Court for the Southern District of Texas, the United States District Court for the Northern District of Texas, and the United States District Court for the Northern District of Illinois. Through my experience in patent litigation matters, I have represented clients in many phases of litigation including in drafting and responding to discovery, working with technical experts, taking depositions, drafting motions and summary judgment briefs, conducting pre-suit diligence, and working on all stages of IPRs. I have also been substantively involved in developing technical and legal arguments. My biography is attached hereto as Exhibit A.

9. I am intimately familiar with the issues and subject matter presented in this above-captioned inter partes review proceeding. For example, I have extensively reviewed the above identified patent, its prosecution history, the Petition for IPR (including the invalidity grounds therein, and the cited references) and all exhibits filed in this case.

10. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "J.T. Moran", is written over a horizontal line.

Date: May 1, 2024

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EXHIBIT A



Jacqueline T. Moran, Ph.D.

Associate

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Overview

Incredibly well-versed in the sciences, Jacqueline Moran, Ph.D., works on complex patent litigation cases involving a range of technical areas and jurisdictions, with a focus on pharmaceuticals, mechanical devices, and design patents.

Jacqueline focuses her practice on patent litigation, handling cases in federal District Courts and before the U.S. International Trade Commission. Her cases have involved pharmaceutical compounds, design patents for automobile parts, mechanical safety devices, 5G network components, and refrigerants.

With a clear understanding of the sciences underlying her clients' innovations, she excels in communication with innovators and expert witnesses, as well as in translating complex concepts so they are easily understood by lay judges and juries. Jacqueline analyzes patent strengths and weaknesses, conducts international depositions and due diligence, works with experts to draft reports, and helps Fish & Richardson's litigation team build strong cases to preserve, protect, and enforce clients' intellectual property rights.

Starting as a summer associate, Jacqueline returned to Fish after being an extern at the U.S. Patent and Trademark Office in 2017. She conducted part of her Ph.D. dissertation research at Roche Pharmaceuticals in Basel, Switzerland, as an intern in the Synapses and Circuits Division. Her research specialties include patch-clamp electrophysiology, chemogenetics, stereotaxic surgeries, molecular biology, tissue engineering, pharmacology, and fluorescence microscopy. She was a superior toxicology fellow at Louisiana State University Health Sciences Center and worked as a laboratory assistant at both Ludwig Cancer Research and Salk Institute for Biological Studies before attending law school.

During law school, Jacqueline served as editor-in-chief of her law school's IP journal and was awarded the Dean's Medal for highest GPA. She also represented inventors before the USPTO as a student practitioner and served as a corporate counsel extern, addressing compliance and risk management issues in a corporate hospital setting.

Professional associations

American Inns of Court

National Asian Pacific American Bar Association

ChIPs

Additional insights

Publications

- Moran J., Miller O., Genet A., Saxe M., Hall B. "Striatonigral Circuit Dysfunction in a Cntnap2 Knockout Mouse Model of Repetitive Behavior," (in preparation)
- Moran J. "Privacy Perspectives on Direct-to-Consumer Genetic Testing in the Era of Big Data: Role of Blockchain Technology in Genomics," 22 *J. TECH. AND INTELL. PROP.* 185 (2020)
- Moran J. "A Broad Win for CRISPR: Federal Circuit Affirms No Interference-in-fact Between University of California and the Broad Institute," 21 *TUL J. TECH. AND INTELL. PROP.* 145 (2019)
- Anacker A., Moran J., Santarelli S., Forsberg C., Rogers T., Stanwood G., Hall B., Delpire E., Veenstra-VanderWeele J., Saxe M. "Enhanced Social Dominance and Altered Neuronal Excitability in the Prefrontal Cortex of Male KCC2b Mutant Mice," 12(5) *AUTISM RESEARCH* 732 (2019)
- "Phenotypic Outcomes of Aberrant Excitatory to Inhibitory Neuronal Balance," *D. Dissertation* (2016)
- Chen F., Moran J., Zhang Y., Ates K., Yu D., Schrader L., Das P., Jones F., Hall B. "The transcription factor NeuroD2 coordinates synaptic innervation and cell intrinsic properties to control the excitability of cortical neurons," 594(13) *THE J. OF PHYSIOLOGY* 3729 (2016)
- Miller OH., Moran JT., Hall BJ. "Two cellular hypotheses explaining the initiation of ketamine's antidepressant actions: Direct Inhibition and disinhibition," 100 *NEUROPHARMACOLOGY* 17 (2015)
- Polymenidou M., Lagier-Tourenne C., Hutt KR, Huelga SC, Moran J., Liang TY, Ling SC, Sun E, Wancewicz E, Mazur C, Kordasiewicz H, Sedaghat Y, Donohue JP, Shiue L, Bennett CF, Yeo GW, Cleveland DW. "Long pre-mRNA and RNA missplicing contribute to neuronal vulnerability from loss of TDP-43," 14(4) *NATURE NEUROSCIENCE* 459 (2011)

Services

Litigation

Patent Litigation

Industries

Biotech & Diagnostics

Life Sciences

Admissions

Texas (2020)

U.S. District Court for the Southern District of Texas (2021)

U.S. District Court for the Northern District of Texas (2022)

U.S. District Court for the Northern District of Illinois (2022)

Education

J.D., Tulane University Law School (2020) Editor-in-Chief, *Journal of Technology and Intellectual Property* (Volumes 22 and 21)

Ph.D. *Nu Rho Psi*, Neuroscience, Tulane University (2016)

B.S., Physiology and Neuroscience, University of California, San Diego (2010)