

David E. Shore, PhD

Patent Agent

T +1 (617) 248-4840 | dshore@choate.com



Dr. David Shore draws upon sophisticated scientific expertise to deliver targeted counsel regarding biomedical intellectual property, spanning the areas of small molecule therapeutics, biomedical compositions, medical devices, gene/protein synthesis technologies, genetic constructs and other technologies.

While at Harvard Medical School, Dr. Shore discovered and characterized 29 genes required for lifespan extension and toxin response in *C. elegans*. He has also worked for the United States Department of Agriculture designing knockout vectors targeting candidate regulators of toxin production in a fungal crop pathogen. Additionally, he participated in a project at the University of Hohenheim to distinguish two previously unrecognized strains of endoparasitic wasp. He has also worked as a technology specialist at a Boston-area law firm.

EDUCATION

Harvard Medical School
PhD, 2012, *Biological and Biomedical Sciences*
Genetics Training Grant Program

University of Illinois
BS, 2005, *Crop Biotechnology and Molecular Biology*, summa cum laude,

Bronze Tablet Scholar

PRACTICE FOCUS

Intellectual Property Protection

Assists in the preparation and prosecution of patent applications, freedom-to-operate analysis, due diligence reviews, and prior art, landscape and patentability analyses.

REPRESENTATIVE ENGAGEMENTS

- Assists in preparing and prosecuting patent applications for biomedical companies and research institutions.
 - Assists in due diligence and freedom to operate analysis for academic and industrial clients.
 - Conducts expert prior art and patent landscape searches.
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PRACTICE AREAS

Intellectual Property
Protection

Life Sciences

PUBLICATIONS AND PRESENTATIONS

- “A Cytoprotective Perspective on Longevity Regulation,” *first author, Trends in Cellular Biology*, 2013.
- “Induction of Cytoprotective Pathways is Central to the Extension of Lifespan Conferred by Multiple Longevity Pathways,” *first author, PLOS Genetics*, 2012.
- “Prediction of *C.elegans* Longevity Genes by Human and Worm Longevity Networks,” *first author, PLOS ONE*, 2012.
- “Signaling Pathways that Regulate *C. elegans* Lifespan,” *chapter co-author, IGFs: Local Repair and Survival Factors Throughout Lifespan*, 2010.

PROFESSIONAL AND COMMUNITY INVOLVEMENT

Dr. Shore has taught at the Marine Biological Laboratory in Woods Hole as was a teaching assistant in Genetics at Harvard Medical School. He has participated in various biotechnology volunteer and leadership opportunities, including organizing Harvard Medical School department retreats and participating in science fair judging.