Dana M. Daukss

SENIOR ASSOCIATE

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Dana Daukss draws on her academic training and professional experience in the life sciences and engineering industries to offer a unique, wide-ranging perspective to clients. In particular, she assists companies in the preparation and prosecution of patent applications, as well as freedom-to-operate analysis and due diligence reviews.

Prior to joining Choate, Dana was a Senior Patent Analyst at the Global Prior Art Inc. in Boston. She analyzed the patent landscape related to drug delivery, physiological sensors, tissue engineering, orthopedic implants, and devices for endoscopic and endovascular surgery.

While working on her Master's degree in biomedical engineering from Boston University, Dana designed clinical solutions to improve abdominal aortic aneurysm repair, and conducted research into the mechanisms of bone healing and repair at the orthopedics lab at Boston University's Medical School.

Focus Areas

Intellectual Property

IP Counseling

Representative Engagements

- Represents a biotechnology company in protecting their foundational IP and antibody discovery platforms worldwide, including managing a competitive surveillance program, and supporting US post-grant and European Opposition proceedings.
- Represents venture capital group in assessing IP landscape related to novel antibody formats for selective disease targeting, and initial structuring of IP portfolios of resulting start-ups.
- Represents established biotechnology company in prosecuting and defending patents protecting commercial products, including strategy for life cycle management and utilization of patent term extension worldwide.
- Represents start-up antisense oligonucleotide company to build IP portfolio and develop an exclusivity position.

Publications and Presentations

- "Patent watch: Microscale implantable drug delivery systems: emerging IP strategies", *co-author, Nature Reviews Drug Discovery 15.11*, 740-741, 2016.
- "Role of Fas and Treg Cells in Fracture Healing as Characterized in the Fas-Deficient (Ipr) Mouse Model of Lupus," *co-author, Journal of Bone and Mineral Research, 29(6)*, 1478-1491.
- "Effects of lamprey PQRFamide peptides on brain gonadotropin-releasing hormone concentrations and pituitary gonadotropin-⊠ mRNA expression," *first-author, General and comparative endocrinology, 177(2)*, 215-219.

- "Evolutionary origin of the structure and function of gonadotropin-inhibitory hormone: insights from lampreys," *co-author, Endocrinology, 153(5)*, 2362-2374.

Education & Credentials

- Boston University College of Engineering, ME (2014) Biomedical Engineering
- University of New Hampshire, BS (2011) *summa cum laude*

Admissions

- Massachusetts Bar Admission Pending
- U.S. Patent & Trademark Office