



Medmarc Risk Management Webinar Series

Webinar Summary

mRNA Patent Wars Update: Litigations Expand and Key Rulings Expected in 2025

Presenter: [Daniel L. Shores](#) | Partner Rothwell Figg

In this on-demand webinar, recorded live on May 15, 2025, Daniel (Dan) Shores, Partner at Rothwell Figg, explores the ongoing mRNA patent wars and the complex intellectual property landscape surrounding mRNA vaccine technology. He examines the competitive environment, active patent disputes, and key legal cases involving major pharmaceutical companies such as Moderna, Pfizer, and BioNTech. The discussion highlights potential risks, likely outcomes, and strategies for mitigating litigation in the mRNA space, emphasizing the importance of early freedom-to-operate analyses and continuous monitoring of the evolving situation.

[Full On-demand Recording](#)

On-demand Chapters:

- [00:00](#) – Introduction of the Presenter and Rothwell Figg's Internal Team
- [03:20](#) – LNPs: Key Components
- [10:26](#) – mRNA – History
- [17:05](#) – IP and Competitive Landscape
- [20:44](#) – IP U.S. Litigation 2022 – Present
- [40:17](#) – Exposure Landscape
- [54:10](#) – Summary
- [58:00](#) – Questions



Daniel L. Shores
Partner | Rothwell Figg

Dan Shores is a Partner at Rothwell Figg and is a founder of its Boston office. He is passionate about helping his clients build robust patent portfolios, litigate matters (both as plaintiffs and defendants in the U.S. District Courts and in IPR and other post-grant proceedings), protect trade secrets, negotiate strategic collaborations, conduct due diligence and landscape investigations, and prepare for success in funding rounds and exits. Dan is a problem-solver who excels at deciphering key translational aspects of a broad array of technologies to maximize leverage in the context of clients' desired implementation of such technologies whether as participants in dynamic markets or as first movers. Dan is a registered patent attorney licensed to practice before the United States Patent and Trademark Office, and is admitted to practice law in Massachusetts and in the District of Columbia. He is a member of the bars of the Supreme Court of the United States, United States Court of Appeals for the Federal Circuit, and United States District Court for the District of Massachusetts. Dan lives in Boston with his wife Lindsay, their daughter Audrey, and their two English Bulldogs Jarves and Rosie.