

Patrick J. Hrdlicka – Experience as subject matter expert.

Rendered expert analysis pertaining to a pending litigation between Alnylam Pharmaceuticals, Inc. v. Dicerna Pharmaceuticals, Inc. concerning trade secret misappropriation claims against Dicerna, and counterclaims asserted by Dicerna. A settlement was reached. Retained by: Choate Hall & Stewart LLP (Greta Fails) representing Alnylam Pharmaceuticals. Analyzed technical reports.

United States International Trade Commission involving “Certain single-molecule nucleic acid sequencing systems and reagents, consumables, and software for and use with same”, 337-TA-1032. Retained by Baker Botts LLP (Puneet Kohli, Stephen Hash) representing Oxford Nanopore. Analyzed technical reports, prepared expert reports, and was deposed.

Prepared declaration in Support of Petition for *Inter Partes* Review of U.S. Patent No. 9,738,929; Oxford Nanopore Technologies, Inc. Petitioners v. Pacific Biosciences Of California, Inc. Patent Owner, IPR2018-01792, Patent 9,738,929. Retained by Baker Botts LLP (Puneet Kohli, Stephen Hash) representing Oxford Nanopore.

Pacific Biosciences of California, Inc., v. Oxford Nanopore Technologies, Inc. district court matters (C.A. No. 17-01353-LPS and C.A. No. 17-00275-LPS). Retained by Baker Botts LLP (Stephen Hash, Elizabeth Flannery, Samoneh Kadivar) representing Oxford Nanopore. Analyzed technical reports, prepared expert reports, was deposed, and testified in court.

CGI Matters Adverse To Illumina (Case No. 1:19-cv-00970-MN (D. Del.); Case No. 19-cv-03770-WHO (N.D. Cal.); Case No. 20-cv-01465-WHO (N.D. Cal.). Retained by Quinn Emanuel Urquhart & Sullivan, LLP (Margaret Shyr, David Blisker, Anne Toker) representing CGI. Analyzed technical reports, prepared expert report and was deposed.

Twinstrand Biosciences, inc., & University of Washington v. Guardant Health, Inc (Case No. 1:21-cv-01126-LPS (D. Del.). Retained by Sterne, Kessler, Goldstein & Fox P.L.L.C (Trey Powers) representing Twinstrand. Performed a preliminary analysis of a representative patent.

Providing expert opinions in connection with an *Inter Partes* Review (IPR2023-004490) of U.S. Patent No. 9,884,885. Retained by Rothwell, Figg, Ernst & Manbeck (Daniel Shores) (via Rubin Anders Scientific) representing ChemGenes.

Areas of expertise: Nucleic acids, DNA, RNA, oligonucleotides, antisense oligonucleotides, splice-switching oligonucleotides, small interfering RNA (siRNA), messenger RNA (mRNA), aptamers, duplexes, triplexes, nucleic acid structures, fluorescence in situ hybridization (FISH), imaging, nucleic acid therapeutics, nucleic acid diagnostics, DNA sequencing, gene editing, synthesis, carbohydrates, nucleosides, nucleotides, medicinal chemistry, protecting groups, organic chemistry, conformationally restricted nucleotides, chemically modified nucleosides, chemically modified oligonucleosides, Locked nucleic acid (LNA), Bridged nucleic acid (BNA), peptide nucleic acid (PNA), pyrene, intercalators.