**Seminar Title: PATENT BASICS FOR CHEMISTS AND BIOCHEMISTS**

Whether pursuing a career in industry or academia, chemists and biochemists of all disciplines will benefit from a basic knowledge or patent law. This seminar will introduce some key concepts, such as: *what is a patent?; what is inventorship/ownership?; what is the path from invention to international patents?; what constitutes a good patent?; and what are some patent strategies for different fields (e.g., tech vs pharma & big pharma vs startups)?* While many of the concepts apply generally, emphasis will be placed on their application in the pharmaceutical industry.



**John Astor Cleveland, Jr., Ph.D., Esq.**

John is currently General Patent Counsel for Assembly Biosciences, LLC, where he develops and manages their virology patent portfolio. He has served as in-house patent counsel for Eli Lilly and AstraZeneca, and held a position as adjunct professor at the Indiana University McKinney School of Law (teaching an advanced course on pharmaceutical exclusivity law). He has also served as outside patent counsel at several law firms. Prior to his legal career, John was a research scientist at Dow Chemical in the analytical sciences laboratory and Dow AgroSciences as a group leader in discovery chemistry. He holds a J.D. in law from The Indiana University McKinney School of Law (*cum laude*), M.S./Ph.D. in chemistry from Cornell University, and B.S. in chemistry from Furman University (*cum laude*).