

Kasie L. Collins, Ph.D.

Technical Specialist

Atlanta

kasie.collins@troutman.com

D 404.885.3676

OVERVIEW

Dr. Collins is a technical specialist in the firm's Intellectual Property practice who helps clients develop, defend, and enforce her clients' patent rights. Her areas of technical expertise include chemistry, biomedical engineering, and biochemistry. Dr. Collins is experienced with products in areas such as materials engineering, protein engineering, molecular and cellular biology, immunology, therapeutics, drug delivery, diagnostic technologies, and medical devices.

Dr. Collins works with clients throughout their product life cycle. She drafts domestic and international patent applications, prepares responses to office actions, and provides patentability and due diligence analyses in connection with mergers and acquisitions. Dr. Collins also plays a key role in patent litigation matters, providing infringement and invalidity analyses and other technical support throughout a case.

As an accomplished innovator and biotech company cofounder, Dr. Collins has first-hand experience with the process of developing and monetizing therapeutic products. Her track record includes securing substantial funding, managing cross-functional collaborations, and guiding scientific and business teams through complex regulatory and product development milestones.

AWARDS

- CALI Award in Lawyering Foundations II (2025)
- Outer Barristers' Guild Award (2025)

TOP AREAS OF FOCUS

- Intellectual Property

PROFESSIONAL EXPERIENCE

- CEO & co-founder, OZ-Link Technologies, Inc., 2023-present

EDUCATION AND CERTIFICATIONS

EDUCATION

- Duke University, Ph.D., M.S., 2021, NIH T32 Biotechnology Fellowship; Nanoscience Fellowship, chemistry/biomedical engineering
- East Carolina University, B.A., B.S., *summa cum laude*, 2012, Dean's List, chemistry/biochemistry

PUBLICATIONS

- “Injectable Hydrogels for Programmable Nanoparticle Release,” *Advanced Functional Materials*, November 2024.
- “Detection of Fluorescent Protein Mechanical Switching In Cellulo,” *Cell Reports Methods*, July 2024.
- “Molecular Tension Sensors: Moving Beyond Force,” *Current Opinion in Biomedical Engineering*, December 2019.
- “Bio-Instructive Scaffolds for Musculoskeletal Tissue Engineering and Regenerative Medicine,” *Academic Press*, October 2017.