

DR. EMILY CARSON

Clinical Microbiologist

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United States, Los Angeles, CA

PROFESSIONAL SUMMARY

Detail-oriented Clinical Microbiologist with over 6 years of experience in laboratory settings. Passionate about pathogen identification and laboratory quality assurance. Aiming to contribute my expertise to a dynamic healthcare team to improve diagnostic outcomes.

EDUCATION

2017 - 2019

Ph.D. in Microbiology

University of California, Los Angeles / United States

2010 - 2014

Bachelor of Science in Biology

California State University / United States, Los Angeles, CA

Certified Clinical Microbiologist (CCM)

American Society for Clinical Pathology / Certification Date: June 2020

SKILLS

- Advanced pathogen identification techniques Expert
- Antimicrobial susceptibility testing Expert
- Laboratory quality control management Expert
- Molecular biology methods (PCR, sequencing) Expert
- Strong analytical and communication skills Expert

EXPERIENCE

2021 - Now

Clinical Microbiologist

Los Angeles Medical Center / United States, CA

- Perform comprehensive microbiological analyses on patient samples to diagnose infectious diseases.
- Spearhead a quality improvement initiative that reduces turnaround time for test results by 25%.
- Collaborate with a multidisciplinary team to enhance laboratory processes and patient care protocols.
- Mentor and train interns and junior staff in best practices for microbiological techniques and safety.

2018 - 2021

Laboratory Manager

Health First Diagnostics / United States, Los Angeles, CA

- Oversaw day-to-day laboratory operations, ensuring compliance with safety regulations and quality standards.
- Implemented new laboratory information management systems to streamline data entry and reporting.
- Conducted routine audits and managed accreditation processes for the laboratory.

PUBLICATIONS

- Carson, E. et al. "Emerging Antimicrobial Resistance Patterns in Clinical Isolates," *Journal of Clinical Microbiology*, 2022.

PROFESSIONAL AFFILIATIONS

- Member, American Society for Microbiology
- Member, Clinical Microbiology Society