

Robert Sanderson

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- A Microbiologist with over five years of professional experience, specializing in PCR testing, cell-based assays, clinical research, and Laboratory operations. A strong history of coordinating with laboratory teams to execute complex research projects. Adept at identifying process improvement opportunities to improve quality control in dynamic research environments.

Education

Bachelor of Science (BA) Biology
Columbia University, New York, NY
September 2012 - May 2016

Key Skills

- ◆ Biology
- ◆ Gas Chromatography
- ◆ Flow Cytometry
- ◆ Cell-Based Assays
- ◆ Laboratory Operations

Professional Experience

Biology Research Associate
BioTech Inc., New York, NY | May 2018 - Present

- Analyze bacterial metabolites and enhance quality control by optimizing laboratory protocols to standardize experiments
- Coordinate with a team of four researchers to develop pre-clinical studies, including data collection and analysis for cell numbers of bacterial strains
- Develop and implement quality assurance measures and Laboratory operations to improve data integrity during PCR and DNA testing

Biology Research Associate
Gen Corp., New York, NY | May 2016 - May 2018

- Conducted cell-based assays and research studies in support of pre-clinical trials, which included driving process improvements to enhance DNA extraction procedures
- Collaborate with the research team to perform laboratory testing to simulate human antibodies in response to bacterial infection