

# 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 (B.S.) 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