



MICHAEL ANDERSON

RESEARCH SCIENTIST

CONTACT

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-  San Francisco, CA

SKILLS

- Molecular Biology
- CRISPR
- Drug Development
- Assay Development
- Data Analysis
- Team Collaboration

LANGUAGES

- English
- Spanish
- French

EDUCATION

M.SC. IN MOLECULAR BIOLOGY, STATE UNIVERSITY, 2017

ACHIEVEMENTS

- Developed a novel biomarker assay adopted by the research department.
- Presented research findings at the National Neuroscience Conference in 2021.
- Recognized as 'Employee of the Month' for outstanding contributions in 2022.

PROFILE

Dedicated Preclinical Research Scientist with a strong background in molecular biology and a passion for advancing therapeutic strategies in neurodegenerative diseases. Over 5 years of experience in designing and executing preclinical studies, focusing on the role of biomarkers in predicting drug response. Proven expertise in using CRISPR technology for gene editing and developing assays for drug efficacy evaluation.

EXPERIENCE

RESEARCH SCIENTIST

NeuroGen Solutions

2016 - Present

- Designed and conducted preclinical studies to assess drug efficacy in Alzheimer's models.
- Utilized CRISPR technology to create genetically modified cell lines for research purposes.
- Collaborated with clinical teams to identify potential biomarkers for drug response.
- Optimized assay conditions to improve reliability and reproducibility of results.
- Prepared and presented scientific reports to the management team and stakeholders.
- Participated in grant applications that secured funding for ongoing research projects.

LABORATORY TECHNICIAN

Biotech Research Labs

2014 - 2016

- Supported preclinical research by preparing samples and performing assays.
- Maintained laboratory inventory and ensured compliance with safety regulations.
- Conducted data entry and analysis using GraphPad Prism.
- Assisted in the development of new testing protocols for drug screening.
- Trained interns on laboratory techniques and safety procedures.
- Contributed to quarterly lab meetings with progress reports on ongoing experiments.