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SKILLS

- Protein stability
- differential scanning calorimetry
- fluorescence spectroscopy
- assay development
- teamwork
- communication

EDUCATION

PH.D. IN BIOPHYSICS, UNIVERSITY OF SCIENCE, 2012

LANGUAGE

- English
- Spanish
- German

ACHIEVEMENTS

- Improved protein stability assays leading to a successful FDA submission.
- Recipient of the Biotech Innovation Award in 2020.
- Secured a research grant for innovative biophysical methods in drug development.

Michael Anderson

SENIOR BIOPHYSICIST

Passionate biophysicist with 9 years of experience in the biotechnology sector, specializing in the development of biophysical methods to assess protein stability and function. I have a proven track record of employing techniques such as differential scanning calorimetry and fluorescence spectroscopy to enhance the understanding of protein behavior in various environments.

EXPERIENCE

SENIOR BIOPHYSICIST

MNO Biotech

2016 - Present

- Led the development of assays to evaluate the stability of therapeutic proteins.
- Utilized differential scanning calorimetry to monitor protein stability under various conditions.
- Collaborated with formulation scientists to design experiments that inform drug development.
- Analyzed fluorescence data to assess protein folding dynamics.
- Trained junior staff on biophysical techniques and data interpretation.
- Presented findings to stakeholders, guiding strategic decisions in product development.

BIOPHYSICIST

PQR Technologies

2014 - 2016

- Conducted stability studies on biologics using various biophysical methods.
- Developed and validated assays for protein characterization, improving efficiency by 20%.
- Collaborated with cross-functional teams to ensure alignment on project goals.
- Participated in the preparation of regulatory submissions for new drug applications.
- Published research articles that contributed to the understanding of protein stability.
- Presented at industry conferences, enhancing the company's visibility in the field.