



MICHAEL ANDERSON

Biophysical Chemist

As a Biophysical Chemist with a focus on nanotechnology, I have over 6 years of experience in synthesizing and characterizing nanomaterials for drug delivery applications. My research has primarily revolved around the design of nanosystems that enhance the bioavailability of poorly soluble drugs. I possess extensive knowledge in various characterization techniques, including DLS, TEM, and AFM.

WORK EXPERIENCE

Biophysical Chemist

2020-2023

NanoPharma Technologies

- Synthesized nanomaterials for targeted drug delivery applications.
- Characterized nanoparticles using DLS and TEM techniques.
- Collaborated with formulation scientists to enhance drug formulations.
- Conducted stability studies to assess the durability of nanosystems.
- Presented research findings at international nanotechnology conferences.
- Mentored interns in laboratory techniques and safety protocols.

Research Scientist

2019-2020

Advanced Drug Delivery Systems

- Developed polymer-based nanoparticles for drug encapsulation.
- Utilized AFM to assess surface properties of nanomaterials.
- Collaborated with chemists and biologists on drug delivery projects.
- Maintained laboratory safety protocols and compliance with regulations.
- Contributed to grant proposals securing funding for research.
- Published articles in peer-reviewed journals on nanotechnology advancements.

ACHIEVEMENTS

- Successfully developed a nanoparticle formulation that increased bioavailability by 50%.
- Awarded 'Best Paper' at the International Nanotechnology Conference.
- Secured funding for a research project focused on targeted drug delivery.

CONTACT

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EDUCATION

M.Sc. in Nanotechnology

Institute of Technology

2016-2020

SKILLS

- Nanomaterials
- Drug Delivery
- DLS
- TEM
- Project Management
- Team Collaboration

LANGUAGES

- English
- Spanish
- French