



Michael

ANDERSON

STRUCTURAL BIOLOGY SPECIALIST

Innovative Structural Biologist with a strong academic background and 7 years of experience in the field of molecular biology. Expertise in structure-based drug design, particularly in the context of cancer therapeutics. Demonstrated ability to apply computational modeling techniques to predict protein-ligand interactions and assess binding affinities. Passionate about using structural insights to inform the drug design process and improve therapeutic outcomes for patients.

CONTACT

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- 📍 San Francisco, CA

SKILLS

- Structure-based drug design
- Computational modeling
- Protein characterization
- Collaboration
- Research methodologies
- Grant writing

LANGUAGES

- English
- Spanish
- French

EDUCATION

**PH.D. IN MOLECULAR BIOLOGY,
UNIVERSITY OF EXCELLENCE**

ACHIEVEMENTS

- Contributed to the successful design of a novel drug candidate.
- Published research in leading journals, gaining recognition in the field.
- Secured funding for projects through successful grant applications.

WORK EXPERIENCE

STRUCTURAL BIOLOGY SPECIALIST

Oncology Research Center

2020 - 2025

- Utilized computational tools to model protein-ligand interactions.
- Conducted structural studies to support the design of cancer therapeutics.
- Collaborated with chemists to optimize lead compounds based on structural data.
- Presented research findings to grant review boards for funding opportunities.
- Mentored graduate students in research methodologies and lab techniques.
- Contributed to the development of new protocols for structure determination.

RESEARCH ASSOCIATE

Institute of Molecular Sciences

2015 - 2020

- Assisted in structural biology projects focusing on protein characterization.
- Conducted experiments involving protein crystallization and purification.
- Maintained detailed records of experimental procedures and results.
- Participated in joint research projects with external partners.
- Supported grant writing efforts to secure funding for research initiatives.
- Participated in lab meetings to discuss project status and results.