MICHAEL ANDERSON

Senior Bioprocess Engineer

CONTACT

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San Francisco, CA

EDUCATION

Ph.D. in Molecular Biology
University of California
San Francisco

SKILLS

- Viral vector purification
- Process optimization
- Regulatory compliance
- Project leadership
- Analytical testing
- Continuous improvement

LANGUAGES

- English
- Spanish
- French

Strategic Downstream Bioprocess Specialist with comprehensive experience in biopharmaceutical development and production. Over 9 years of focused expertise in downstream processing, particularly in the purification of viral vectors and gene therapies. Demonstrated ability to lead complex projects while maintaining adherence to regulatory guidelines and quality standards. Skilled in process optimization and troubleshooting, with a proven track record of successfully implementing innovative solutions that enhance productivity and reduce costs.

WORK EXPERIENCE

Senior Bioprocess Engineer 2020-2023
GeneTech Bio

- Designed and executed downstream purification processes for viral vectors.
- Led cross-functional teams in the optimization of bioprocess workflows.
- Implemented new technologies that increased process efficiency by 30%.
- Conducted risk assessments and developed mitigation plans for process challenges.
- Collaborated with regulatory teams to ensure compliance with FDA requirements.
- Mentored junior engineers and provided training on best practices.

Bioprocess Development Scientist 2019-2020
Innovative Gene Therapies

- Developed purification strategies for gene therapy products.
- Performed analytical testing to assess product quality and consistency.
- Participated in technology transfer and scale-up initiatives.
- Documented processes and supported regulatory submissions.
- Collaborated with external partners on bioprocess development.
- Engaged in continuous improvement projects to enhance process reliability.

ACHIEVEMENTS

- Achieved a 25% reduction in process costs through innovative process redesign.
- Published research in leading biotechnology journals.
- Awarded 'Excellence in Research' for contributions to gene therapy development.