

Felix Huang

fhuang447@gmail.com | 707-407-8829
Portland, OR 97224

SUMMARY

Results-driven scientist with a robust background in biotechnology, specializing in molecular techniques, process optimization, and data analysis. Proven success in laboratory experiments and root cause analysis. Demonstrates strong leadership and adaptability in dynamic environments, with a commitment to quality and accuracy.

SKILLS

- LEAN Manufacturing Principles
- cGMP Compliance
- Laboratory Methods : qPCR, ELISA, Purification, Cell Culture, Perfusion
- Data Analysis & Statistical Methods
- Process Development & Optimization
- Root Cause Analysis
- SOP & Batch Record Development
- Team Leadership & Training

EXPERIENCE

Senior Research Associate

Yecuris | Tigard, OR | Jun 2023-Current

- Conduct ELISA and qPCR assays to quantify human albumin levels and HBV infection in humanized mice models.
- Prepare and maintain cryopreserved adenovirus, hepatocytes, and various cell lines for in vivo and in vitro experiments.
- Prepare and perform QC on all outgoing reagents and finished goods.
- Implemented a new process that reduced the number of hepatocytes required for transplantation by 50%, reducing costs and preparation time by 35%.
- Analyze and interpret experimental data to inform cross-departmental decision-making.
- Developed and authored SOPs and batch records for ELISA preparation and processes, ensuring compliance with regulatory and quality standards.

Quality and Regulatory Specialist

Secure Transfusion Solutions | Beaverton, OR | Feb 2022-Feb 2023

- Performed QC checks on all blood products before sale and shipment.
- Applied LEAN methodologies to process blood components in compliance with cGMP standards and SOPs.
- Performed validation, maintenance and quality checks on laboratory equipment.
- Authored non-conformance reports and updated SOPs to align with FDA and AABB regulations.
- Led preparations for FDA Biologics License Application (BLA) licensure audits.

Operations Manager

Front Street Inn LLC | Crescent City, CA | Jul 2015-Mar 2020

- Recruited, trained, and supervised a team of 25 employees, implementing LEAN methods to optimize operational performance.
- Worked with senior leadership to develop a new process in housekeeping, decreasing the time spent per room by 25%.
- Managed inventory, procurement, and maintenance of equipment, ensuring operational continuity.
- Fostered effective communication between staff and leadership, reducing miscommunications, and improving workflow.

EDUCATION AND TRAINING

Master of Science: Data Science

Willamette University | Portland, OR | Expected in August 2025

Bachelor of Science: Biology

Portland State University | Portland, OR