MIA KIM

Biologist

✉ m.kim@email.com
📞 (123) 456-7890
📍 Clark, NJ
in LinkedIn

EDUCATION

Bachelor of Arts
Molecular Biology
Princeton University
📅 2010 - 2014
📍 Princeton, NJ

SKILLS

- Confocal Microscope
- DNA Microarray
- Flow Cytometer
- Real-Time PCR System
- Spectrophotometer
- GPS Tracking Devices
- ImageJ/Fiji
- R/Bioconductor
- LabWare LIMS
- QGIS

WORK EXPERIENCE

Biologist
L'Oreal USA

📅 2020 - current   📍 Clark, NJ

- Led research initiatives on skin microbiome using confocal microscope, resulting in a 77% improvement in understanding bacterial interactions and their impact on skincare formulations.
- Collaborated with the R&D team to implement DNA microarray analysis, identifying key genes responsible for skin aging, contributing to an 87% enhancement in anti-aging product efficacy.
- Utilized Flow Cytometer to analyze cellular responses to cosmetic ingredients, which led to a ***78% increase in the accuracy of assessing ingredient biocompatibility***.
- Developed real-time PCR assays for quantifying gene expression in skin cells, enabling an 86% reduction in assay turnaround time.

Microbiologist
Bristol Myers Squibb

📅 2017 - 2020   📍 New Brunswick, NJ

- Investigated microbial contamination issues in manufacturing processes, utilizing DNA Microarray technology to identify contaminating species with 98% accuracy.
- Designed a novel flow cytometry protocol to evaluate the viability of drug-sensitive and drug-resistant bacterial strains, leading to a 56% improvement in drug susceptibility testing.
- Implemented Real-Time PCR System to quantify viral load in patient samples during clinical trials and contributed to a ***76% reduction in data analysis time***.
- Conducted research on microbial fermentation processes using ImageJ/Fiji software to analyze cell growth patterns, resulting in a 67% increase in production efficiency.

Junior Biomedical Technician
Johnson & Johnson

📅 2014 - 2017   📍 New Brunswick, NJ

- Assisted in the maintenance and calibration of GPS tracking devices used in medical device studies, ensuring accurate tracking of device movements with a 99% success rate.
- Participated in the development of protocols for testing medical equipment using LabWare LIMS, which r***esulted in a 21% reduction in testing time per device***.
- Employed QGIS to analyze geographic variations in imaging quality and contributed to a 74% enhancement in device adaptability.
- Aided in the selection of materials for implantable medical devices with a 97% success rate using Spectrophotometer to measure the optical properties of biomaterials, .