**Melanie Groves**

Irving, TX ∙ (732) 710-8385 ∙ mel.gro93@gmail.com

Scientist in biologics research with nearly four years of ligand-binding assay development experience. Key strengths include understanding and implementing GLP/GCP regulations, technical troubleshooting, schedule management, personnel training, and improving laboratory safety. Prioritize communication and accountability on inter-team projects, and encourage the team to focus on solutions in the face of crisis.

SCIENTIFIC SPECIALTIES

* Ligand binding and cell-based assay development, validation, and sample analysis for PK/TK, ADA, and Nab measurement
* Technical software skills: Watson, Softmax Pro, MSD Workbench, MARS Data Analysis
* Knowledge of GLPs, Title 21 CFR Part 11, FDA and EMEA bioanalytical and immunogenicity guidance

WORK EXPERIENCE

**Covance CRS, LLC – East Millstone, NJ (formerly Envigo CRS, Inc.)**

**Senior Analyst – August 2017 to June 2019**

**Analyst – July 2015 to August 2017**

Technical Achievements:

* Developed more than 15 new biologic and biomarker ligand-binding assays for the department, validated according to GLP/GCP regulations and current with industry standards.
* Cut rework costs by 20% by investigating unexpected data and solving causes of signal disruption. Based on investigation results, increased our scientific robustness by refreshing existing methods.
* Eliminated search times for laboratory materials by creating online inventory management systems.
* Introduced data integrity to the department via controlled forms, reducing documentation deviations by 30%.
* Qualified new instruments for daily GLP use by performing system PQ and validation to comply with Title 21 CFR Part 11.

Project Management and Leadership:

* Up to 85% early data submission for studies I coordinate, without delays to other projects.
* Reduced delays to lab analysis up to an hour per person per day by planning with study managers to schedule lab activities.
* Integrated all new hires into the department as the training coordinator. Employees I trained have 100% passing assessment rates.
* Spearheaded the introduction of site-wide safety inspections, which now occur once per quarter. Reduce incidents and increase incident reporting as the department’s safety representative.
* Decreased repeated QA findings by implementing process improvements for common problems.

**Rutgers, The State University of New Jersey – Piscataway, NJ**

**Academic Support Tutor – Summer 2012 to Spring 2015**

* Provided weekly one-on-one support sessions to over ten engineering students per semester about newly learned topics in mathematics, physics, chemistry and biology.
* Created an instructional environment tailored to each student that promoted curiosity and excitement about scientific concepts.
* Improved students’ estimated grade by at least half a letter grade.
* Developed lesson plans, support materials, activities and daily schedules with guidance from professors.

EDUCATION

Rutgers University School of Engineering, Piscataway, New Jersey

B.S. in Biomedical Engineering, May 2015, GPA 3.66

VOLUNTEER EXPERIENCE

**Peak Potential, Inc.**: non-profit adaptive rock climbing program for children with disabilities (February 2015 – June 2019)

* Program Coordinator (September 2017 – June 2019)
* Volunteer Coordinator (February 2017 – June 2019)