

Drug Development Scientist - PhD Level - ADME Assay Experience - Kelly Government Solutions at the NIH - 9800 Medical Center Dr, Rockville, MD

Kelly Government Solutions is a strategic supplier and business partner to the federal government and its key suppliers. Through our partnership with the National Institutes of Health, Kelly Government Solutions offers administrative, IT, engineering, scientific, and healthcare professionals the opportunity to work with one of the most prestigious research organizations in the world. We are currently seeking an experienced drug development scientist to work with the National Institutes of Health at 9800 Medical Center Drive in Rockville, MD.

This is a long-term contract position which offers:

- Competitive salary with comprehensive benefit package
- Free training and tremendous growth opportunity
- Opportunity to work at NIH, world's foremost medical research center
- Learn more about what Kelly can do for you at www.kellygovernmentsolutions.com

TASKS/SERVICES: The contractor shall:

- (1) Perform in vitro ADMET assay laboratory work on diverse organic compounds as part of the rare and neglected diseases drug candidate research program
- (2) Follow standard assay protocols for physiochemical (e. g., kinetic solubility, PAMPA permeability) and metabolic (e. g., microsomal stability, CYP450 inhibition) properties to produce a standard data set for hundreds of compounds per week
- (3) Independently perform sample preparation and incubation procedures using microtitre plate technologies; perform manual multichannel pipetting; operate computerized liquid handling lab robots and plate readers; weigh compounds (milligram level); weigh and prepare buffers and reagents; perform sample incubation, reagent preparation, sample storage and management
- (4) Maintain up-to-date recording of work in laboratory notebooks, data entry into computer databases; prepare reports
- (5) Perform chemical stoichiometric calculations of concentrations and molarities and trans-late into reagent preparation and operations in the laboratory
- (6) Use plate readers and LC/MS/MS techniques for detection and quantitation of compounds
- (7) Use custom assay protocols to address specific project needs (e. g., solution stability, protein binding, phase II stability, equilibrium solubility, PAMPA-BBB, vehicle screening, bioassay solubility)
- (8) Perform bioanalysis on animal plasma samples from PK studies, including sample preparation and LC/MS/MS quantitation
- (9) Work with staff to test new method protocols and apparatus
- (10) Work with colleagues to develop ADME database and data loaders
- (11) Perform routine laboratory maintenance

REQUIREMENTS: The contractor must have:

- (1) Ph. D. in chemistry, biochemistry, biology or a related discipline
- (2) Extensive experience performing biomedical assays in an industrial, academic or governmental research laboratory and utilizing and demonstrating proficiency in the ADME and physiochemical described above
- (3) Strong communications skills, both oral and written
- (4) Excellent analytical, organizational and time management skills

For immediate consideration, please email resumes to Susan LoCurto, Kelly Scientific Recruiter, at locursn@kellyscientific.com