



Example of Scientist Principal Job Description

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Our innovative and growing company is hiring for a scientist principal. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for scientist principal

- Performing a wide range of analyses to support the manufacture and testing of therapeutic proteins and other biological products
- Performing tests accurately
- Using office- and instrumentation-specific computer software producing written reports, , internal and client reports
- Preparing documents, , SOP, OMC
- Developing and executing validation plans for instrumentation
- Carrying out method transfers and feasibility studies
- Training and supervising technical staff
- Giving oral presentations for industry, internal training, and client reviews
- Create, access, and review new raw materials, Developmental and Finished product microbial-related specifications for products through development
- Develop computational systems models working with internal and external collaborators

Qualifications for scientist principal

- Proficient in software platforms (e.g., Python, R, SQL) , to include but not limited to linear and integer programming
- The principal development scientist position will work closely with groups within MRT including Process and Analytical Development external contract organizations, and participate /lead tech transfer teams and work with CMO on cGMP manufacture and release of drug product

HPLC, IR, UV, NMR, Mass Spec., dissolution and tablet hardness, , and ability to liaise and coordinate development activities with analytical chemistry experts

- Liaise with discovery biologists, bioanalytical scientists, non-clinical and clinical teams, external collaborators to set biomarker goals/expectations and implement innovative techniques to identify and validate biomarkers (e.g., target engagement, mechanism of drug action, pharmacodynamics, proof of concept, etc)
- 3+ years of extensive hands-on laboratory experience encompassing characterizing physical/structural/chemical properties of materials, such as nanoparticles, surface adsorption, porous material, using common material characterization techniques (microscopy, spectroscopy, performance testing)
- Develop Monitoring procedures to ensure Central DS&E and CPO compliance to Pharmacovigilance established procedures