

Scientist, Biology

Summary

Perform research in the laboratory as a molecular biologist applying the latest knowledge and techniques in the field. Advance the assigned program and contribute to the identification of a lead or development candidate. Utilize sound knowledge of target identification and validation in a drug discovery context.

Essential Functions

- FRET-based in vitro assays, RT-PCR, RNA-FISH, and gel electrophoresis
- Mammalian cell culture, including primary cells
- Record experimental data and prepare comprehensive project reports
- Present data and analysis both orally and in writing
- Upkeep and maintain equipment
- Prepare and place orders for laboratory reagents
- Other functions outlined in the Qualifications section below

Qualifications

- B.S. in molecular biology or related field; M.S./Ph.D. strongly preferred
- At least 5 years additional experience in an industrial or academic setting
- Proficient in current molecular biology, cell engineering, and protein production technologies, including DNA/RNA isolation from mammalian cells and tissues and cloning/sub-cloning
- Significant experience with an array of molecular and cell biology methods, including RNA splicing isoform analysis (RT-PCR, RT-qPCR) of cells and tissues, RNA-FISH of cells and tissues, and genotyping of tissues
- Experience with RNA-seq analysis, cell-based high throughput screening, and target vector design; creation of stable cell lines is highly desirable
- Excellent oral and written communication, interpersonal, and presentation skills
- Demonstrated strong understanding of complex scientific procedures with technical proficiency in molecular and cell biology
- Ability to adapt in a fast-paced environment
- Ability to work effectively as a member of a team