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# Example of Scientist, Cell Biology Job Description

Our innovative and growing company is looking for a scientist, cell biology. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for scientist, cell biology

* Establish stable cell lines including vector design and construction, transfection, stable pool generation, FACS enrichment and single cell cloning, clone screening, candidate clone selection, cell expansion, and cell banking
* Assist the management of lab operations and perform lab duties including instrument maintenance, calibration and qualification, ordering and maintaining lab supplies, and supporting Cell Biology functions in general
* Developing new approaches and SOP’s for product quality and evaluation to continuously improve quality of new approaches to cancer immunotherapy
* Ability to conceive/propose and develop biochemical and cellular assays to probe target biology
* Experience with cell isolation/manipulation is required, and a proven background in primary and recombinant cellular assay development is a must
* Ability to identify, develop and optimize new methods/assays to generate reliable and reproducible data in a timely manner
* Experience in modulating immune system signal transduction pathways and knowledge of flow cytometry techniques is desired
* Additional responsibilities include the analysis, interpretation and presentation of data and results in the lab meetings and project team meetings
* Conduct, analyze and evaluate experimental data and interprets results within the scope of the study
* Prepare written reports on all phases of laboratory work involved in research projects

## Qualifications for scientist, cell biology

* Significant experience in a variety of cellular, and molecular biology/toxicology approaches and techniques
* Knowledge of Analytical
* Computer skills such as Excel, Prism
* PhD (or equivalent) in cell biology or a related life science
* Comprehensive knowledge of cell culture techniques
* Experience in designing and implementing cell-based studies using a variety of techniques including live-cell imaging, flow cytometry, fluorescence microscopy, ELISAs, and western blotting