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# Example of Research Lab Technician Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of research lab technician. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for research lab technician

* Cell and tissue culture of cancer cell lines and patient-derived tumor models
* Cell proliferation assays after pharmacologic or genetic perturbation, including chemical and genomic screens
* Transfections and viral-based gene transfer methods
* Extraction and analysis of DNA and RNA, including PCR, quantitative PCR, RT-PCR
* Protein assays including Western blotting and immunoprecipitation
* DNA cloning and sequencing
* May require work with animals including surgical procedures
* Responsible for ordering of supplies
* Analyze experimental data and interpret results to assist with reports and summaries of findings
* Conducting research experiments

## Qualifications for research lab technician

* Experience with tissue culture, DNA/RNA purification, PCR amplification, subcloning, retroviral transfection
* Working knowledge of computer applications such Microsoft Office is required
* Associate degree in Mechanical Engineering Technology or Electrical Engineering Technology
* Basic laboratory skills and attention to detail
* Molecular microbiology laboratory research experience is preferred
* Provide general molecular biology and genetic lab assistance to support research activities