



Example of Senior Research Assistant Job Description

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Our company is looking to fill the role of senior research assistant. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for senior research assistant

- OEmbryo harvesting
- OSmall animal surgery including vasectomies and embryo transfer
- ODNA purification for transgenic animal creation
- Assist in the development and testing of new methodologies to support model creation for both mice and rats
- Assist in the planning and coordination of project design and execution
- Interpret and document project results
- Maintain detailed records and update databases
- Assist in the the maintenance of departmental equipment
- Assist in the development of SOPs and training materials
- Perform all other embryology techniques

Qualifications for senior research assistant

- Conducts analysis of brain imaging and behavioral data and interprets results
- Acts as a Specialist in the laboratory
- Develop and run assays including targeted deep sequencing, exome sequencing and whole genome sequencing using next-generation sequencing (NGS) platforms, particularly Illumina sequencers
- Work with cancer types including prostate, breast, brain, bladder and ovarian
- Understanding of the different molecular strategies for mutation detection and quantification is critical
- Basic understanding of cancer genomics will be necessary