Example of Professional Research Assistant Job Description

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Our growing company is looking to fill the role of professional research assistant. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for professional research assistant

- Microscopes)
- Duties include operating complex inhalation exposure equipment
- Duties include performing assays, including but not limited to immunohistochemistry, ELISA, Western blot
- Duties include collaborating with researchers at other institutions
- Duties include small animal handling (rodent), including handling, restraint, dosing, and necropsy and sample collection
- Accurately collect and record research data
- Compose study participant letters and conduct study participants phone calls
- Performing murine studies, including inducing ENS injury models such as chemical induced colitis and manipulating genetically established neural and glial-specific transgenic models
- Harvest of murine tissues for both immunohistochemistry analysis or for tissue enzymatic dissociation for establishment of primary culture
- Tissue culture work, including maintenance of primary cell lines, and work with transient and stable transfection methodologies, including plasmid and/or viral-based luciferase assays and siRNA silenced cell lines

Qualifications for professional research assistant

- Specific work experience in immunological, biochemical or cell biology techniques

- Hands-on experience in cell culture, preferable human stem cell culture is a strongly preferred
- Must be able to work well independently within a larger team
- Experience preferred in whole small animal handling (rodents), husbandry and restraint, minor survival surgeries to include intratracheal, intravascular, intraperitoneal, subcutaneous, and intramuscular drug administration and sample collection, necropsy
- Given the nature and responsibilities of the position, only U.S. persons (any individual who is a citizen of the United States, a permanent resident alien of the United States, or a protected individual as defined by 8 U.S. C.1324b(a)(3)) will be considered for this position