



# Example of Life Science Job Description

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Our company is growing rapidly and is looking to fill the role of life science. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for life science

- Offer suggestions regarding modifications to procedures and protocols in collaboration with the PI and Senior Research Associate
  - Perform highly skilled, multiple and complex surgical procedures
  - Strong background with greater than 2 years' experience working in a scientific laboratory on a research project
  - Strong background in immunologic techniques
  - Research and analyze fundraising, investments, exits in the diagnostic/tools industry
  - Work as part of the HCR team and DX/Tools teams to provide insight into successes and challenges of companies in dx/tools sector
  - Perform carefully-designed, meticulously-executed and well-documented optimization experiments to assist in the development of novel assays to detect receptor-ligand interactions, establish new lab protocols and recommend appropriate modifications to existing ones
  - Purification (affinity tag and size exclusion chromatography) of recombinant proteins expressed in bacterial, insect and mammalian systems to study receptor-ligand interactions
  - Protein biochemistry techniques (e.g., Western blotting) to characterize recombinant proteins, in vitro protein-protein interaction assays (e.g., ELISA, SPR, co-IP) and cell-based binding assays using flow cytometry, FACS and fluorescence microscopy analyses
  - Contribute to bioinformatics analyses of human cell surface and secreted proteins
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- Frequently stand, walk, twist, bend, stoop, squat, grasp lightly, use fine manipulation, grasp forcefully, perform desk-based computer tasks, use telephone, write by hand, lift, carry, push and pull objects weighing under 40 pounds
- Bachelor's degree in related scientific field and 10 years of related experience
- Completion of a recognized mechanical, electrical, or electronic qualification
- The Life Sciences Division requires general knowledge of cGMP (current Good Manufacturing Practices) and GEP (Good Engineering Practice) widely used in pharmaceutical and research environments
- Two years proven sales experience (instruments and consumables)
- Minimum of three years lab experience (preferred)