



# Example of Post Doc Fellow Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of post doc fellow. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for post doc fellow

- Perform in vitro binding studies to investigate target affinities
- Present findings in departmental seminars and joint meetings with academic collaborators
- Lead the development and implementation of assays and protocols
- Authorship and publication of manuscripts in high-impact journals
- To measure metal ion concentrations in biological samples using ICP-MS
- Perform separations and analyze the chemical composition of biological samples using High Pressure Liquid Chromatography (HPLC) and a range of columns, including C18 and Helic
- Perform chromatography to obtain the exact mass, chemical composition, and chemical structures of the lead compound isolated by HPLC
- Works under the direction of the principal investigator
- Carries out various experimental and bioinformatics studies to investigate the mechanisms of breast cancer development associated with mutations in BRCA1, PALB2 and BRCA2
- Must possess effective oral and written communication skills and ability to publish scientific research papers/articles

## Qualifications for post doc fellow

- Scientific publications of current or past research projects
- Experience in influenza virus research or other zoonotic viral research with

- Ph.D, Food Microbiology or closely related field
- Experience with developing and testing BSL-2 SOPs and molecular characterization of Salmonella
- Microbiological background and expertise to manage and conduct research and lab