

STRUCTURAL BIOLOGY - RESEARCH ASSOCIATE

Educational qualifications	M.Sc/ M.Tech (Biochemistry/ Biophysics/ Molecular Biology/ Biotechnology/ any Lifesciences stream)
Years of experience	2-6 yrs
Job Scope/ Purpose	To perform cloning, expression, purification and crystallization of recombinant proteins from E. coli, insect cells and mammalian system.
Key Responsibilities	<ul style="list-style-type: none">• Recombinant DNA technology (Isolation of DNA, Transformation, Selection, Recombination, Restriction digestion)• Cloning of genes, expression and purification of proteins• Using E. coli and insect cell expression systems for the expression of recombinant protein targets.• Purifying the target protein using various chromatographic techniques• Characterization of the expressed recombinant proteins• Cell culture, Stable cell line generation in mammalian cells and confirmation with western blotting, ELISA etc.• Setting up crystallization screens for various conditions and temperatures.
Experience required	Good scientific knowledge about the basics on production of proteins for Enzymatic assay and structural work.

Apply now

Submit your application and CV

