

F-STAR JOB DESCRIPTION



POSITION:	SENIOR RESEARCH ASSOCIATE (Protein purification)
REPORTS TO:	Group Leader
SUPERVISES:	N/A
JOB PURPOSE:	The senior research associate will undertake a laboratory based role within our Protein Sciences group, responsible for protein purification and subsequent characterisation of antigens, antibody fragments and mAb ² molecules as well as identifying and leading improvements to F-star purification technologies.
KEY RESPONSIBILITIES:	
<ul style="list-style-type: none"> Perform lab-scale purification of fusion proteins, antibodies and bispecific mAb² Analyse and critically interpret protein purification data to support development of F-star mAb² platform. Contribute to effective running and maintenance of capabilities and laboratories for protein production within F-star Ensure data integrity for laboratory and data systems relating to protein purification within F-star Identify opportunities to further develop protein purification capabilities either via iterative development or through reviews of scientific literature <p>Specific technical responsibilities:</p> <ul style="list-style-type: none"> Perform lab-scale purification by a variety of chromatographic techniques (e.g. affinity, SEC, ion exchange) using ÄKTA systems. Technical leadership and continuous improvement of current purification processes. Troubleshooting and optimisation of Protein Sciences Production and Characterisation processes Coordinate purification activities supervising other team members as appropriate. Representation of Protein Sciences Production and Characterisation activities within F-star Project teams 	
PERSON SPECIFICATION:	
Education and Experience	<ul style="list-style-type: none"> Theoretical and practical scientific/technical knowledge of at least a relevant Bachelor of Science degree and/or a combination of education and experience. Good track record of relevant hands-on, lab-based experience. Relevant industry experience.
Skills and Knowledge	<p>Demonstrates basic knowledge of technical principles, processes, and concepts, related to therapeutic antibody generation and the development of antibodies as therapeutic drugs.</p> <p>Essential:</p> <ul style="list-style-type: none"> Relevant experience in protein purification Hands on experience for protein purification using ÄKTA system (antibody purification, ion exchange, affinity chromatography; eg. IMAC). Protein characterisation (HPLC, SDS-PAGE, endotoxin level testing, visual inspection). Optimisation of purification methods <p>Desired:</p> <ul style="list-style-type: none"> Experience with DoE Theoretical knowledge of downstream process of antibody production at manufacturing scale
Competencies	<p>We will be expecting you to be able to demonstrate the following competencies and attributes:</p> <ul style="list-style-type: none"> Strong communication skills and proven ability to work well in teams including supervision Organised with strong attention to detail A fast learner and highly motivated Enthusiasm to optimise new methods Proven ability to handle multiple tasks and projects simultaneously

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