

## JOB DESCRIPTION

<b>POSITION:</b>	<b>Research/Senior Scientist (Molecular Engineering &amp; NGS) – 12-month fixed term contract.</b>
<b>REPORTS TO:</b>	Director, Molecular Engineering & NGS.
<b>JOB PURPOSE:</b>	Design and construct Humabody molecules by molecular engineering for evaluation as therapeutic biologics. Build phage display and NGS libraries.
<b>KEY RESPONSIBILITIES:</b>	
<ul style="list-style-type: none"> <li>• Contribute to all aspects of molecular cloning of molecules of single or multiple VHs within the drug discovery cascade including designing, optimising and building single or multiple VH molecules.</li> <li>• Work as the lead molecular biologist in cross-functional project teams taking responsibility for providing scientific and technical expertise to ensure timely delivery of engineered vectors for expressing Humabody VH.</li> <li>• Build phage display libraries/NGS libraries to support drug discovery programmes.</li> <li>• Working flexibly as part of a high performing team of molecular biologists.</li> <li>• Provide guidance and supervision/line management for junior staff as required.</li> </ul> <p>The above list is not exhaustive and you may from time to time be asked to undertake other tasks by your line manager.</p>	
<b>JOB REQUIREMENTS:</b>	
<b>Education and Experience</b>	<ul style="list-style-type: none"> <li>• Ph.D or equivalent experience in relevant subject.</li> <li>• Expertise in molecular cloning and protein engineering.</li> <li>• Expertise in the design of experiments and troubleshooting.</li> <li>• Able to work as part of a team.</li> </ul>
<b>Skills and Knowledge</b>	<p><b>Essential:</b></p> <ul style="list-style-type: none"> <li>• Molecular biology methods: DNA/RNA manipulation, molecular cloning, assembly of multiple DNA fragments, site-directed mutagenesis.</li> <li>• Computational skills: processing sequencing data.</li> </ul> <p><b>Preferred:</b></p> <ul style="list-style-type: none"> <li>• Knowledge of antibody platforms.</li> <li>• Experience in NGS data analysis.</li> <li>• Programming in Python and/or R.</li> </ul>
<b>Competencies</b>	<ul style="list-style-type: none"> <li>• Highly organised with good attention to detail.</li> <li>• Able to work independently, prioritise work, work well under pressure and meet deadlines.</li> <li>• Ability to work in a flexible, collaborative style with colleagues and teams within the company, as well as with external service providers.</li> <li>• Excellent communication skills.</li> <li>• Excellent abilities in record keeping and maintenance of clearly written laboratory notebooks to a standard required for publications and patent filings.</li> <li>• Motivated by science and oncology drug discovery.</li> </ul>