

Person Specification

Job Title	Downtsream Research Scientist
Job Holder	VACANT
Reports To	Name of Line Manager
Date	June 2017

		Essential	Desirable	Method of Assessment
Educational Attainment				
E1	Relevant science/ engineering undergraduate degree	X		Application form/Certificate
D1	Relevant science/ engineering postgraduate Masters-level degree		X	Application form/Certificate
Work Experience				
E2	Relevant (protein purification) laboratory experience either from undergraduate university project work or an industrial setting	X		Application form/Interview
D2	Experience working safely and in accordance with local Safety, Health and Environmental polices (SHE) and COSHH		X	Application form
E3	Working knowledge of Microsoft Office	X		Application form/Interview
D3	Application of bioinformatics to characterise and predict protein structure and form		X	Application form/Interview
Knowledge/Skills/Aptitude				
E4	Excellent written and verbal communication skills	X		Application form/Interview
E5	Theoretical and practical knowledge of Biochemistry, Cell Science, Protein Purification, Biochemical Engineering and associated analytical techniques.	X		Interview
E6	An awareness of the key unit operations implemented in Downstream Process Operations e.g. buffer preparation and formulation, precipitation and clarification, refolding and solubilisation, dead-end and depth filtration, chromatography, ultrafiltration and diafiltration.	X		Application form/Interview
E7	Ability to perform laboratory calculations (e.g. molarity, use of formula weights, buffer composition, mass balances, biomass, specific production rate, growth rates).	X		Interview
D4	To have awareness, understanding and experience working within a cGMP environment		X	Application form/Interview

E8	Ability to effectively prioritise and execute experimental activities with a project team.	X		Application form/Interview
D5	Circumstances Evidence of Continuing Professional Development (CPD)		X	Application Form