

Person Specification

Job Title	Principal 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
E2	Relevant science/ engineering postgraduate Masters-level degree		X	Application form/Certificate
E3	Relevant science/ engineering Ph.D.		X	Application form/Certificate
Work Experience				
W3	A graduate with a relevant degree and at least 6 years relevant (protein purification) laboratory experience or Ph.D.	X		Application form
W4	Experience working safely and in accordance with local Safety, Health and Environmental polices (SHE) and COSHH		X	Application form
W5	To have awareness, understanding and experience working within a cGMP environment		X	Application form/Interview
W6	Experience working with pilot-and /or large-scale downstream processing operations		X	Application form/Interview
W7	Application of bioinformatics to characterise and predict protein structure and form		X	Application form/Interview
W8	Working knowledge of Microsoft Office	X		Application form
W9	Experience with line and laboratory management		X	Application form/Interview
Knowledge/Skills/Aptitude				
K1	Excellent written and verbal communication skills	X		Application form/Interview
K3	An In-depth theoretical and practical knowledge of Biochemistry, Cell Science, Protein Purification, Biochemical Engineering and associated analytical techniques.	X		Interview
K5	An in-depth working knowledge 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

K7	Ability to perform and teach laboratory calculations (e.g. molarity, use of formula weights, buffer composition, mass balances, biomass, specific production rate, growth rates).	X		Interview
K10	Ability to effectively prioritise and plan experimental activities and lead a project team.	X		Application form/Interview
Circumstances				
C1	Evidence of Continuing Professional Development (CPD)		X	Application Form