

Position Title: Associate Scientist (grade 9)

Req. #WD-106480

Hiring Manager: Sybille Galosy

Recruiter:

Basic Qualifications:

B.S. or M.S. degree in Bioprocess/Biochemical Engineering or related Biological Sciences with >3 years of industrial experience.

Candidate must have hands on experience in routine mammalian cell culture and sterile technique. Candidate should have an understanding of chemically defined cell culture processes. Candidate must have basic knowledge of cell culture process development, characterization, and scale-up and working knowledge of routine laboratory procedures and/or plant equipment/ operations.

Preferred Qualifications:

The candidate must be a highly motivated self-starter, with excellent verbal and written communication skills, and the ability to work effectively in team and matrix environments. The candidate should have demonstrated record of scientific achievement and a broad integrated knowledge of the mammalian cell culture process optimization, and small scale bioreactors. Basic knowledge of statistical analysis and project management is highly desired.

Details:

The candidate will be involved in the evaluation and/or optimization evaluation of animal component free cell culture processes for early phase projects. Candidate must have demonstrated broad knowledge base in routine mammalian cell culture, sterile technique, establishment of cell banks, and expansion of cell lines. In addition, the candidate will be responsible for authoring technical reports, protocols, and technology transfer documents. The candidate will be interfacing with team members in the maintenance, operation, and harvesting of bioreactors in a small scale development facility. The candidate will interact with scientists/engineers involved in the process scale-up and technology transfer of manufacturing processes for the production of pre-clinical, Phase 1 and 2 clinical supplies. The candidate will be expected to interact on a routine basis with colleagues in downstream process development and analytical methods development groups. The candidate will be responsible for evaluating and implementing new technologies in the cell culture area.

The candidate must be highly motivated, have excellent organization and communication skills. The candidate must demonstrate evidence of teamwork skills. The candidate will also be expected to work independently and in a matrix team environment.

Hiring Manager: Paddy Iyer (paddy.x.iyer@gsk.com)

Basic Qualifications:

B.S/M.S. in Chemical/Biochemical Engineering or related discipline with 5 – 7 years experience. Candidates must have hands-on experience in cell culture development processes for the manufacture of monoclonal antibodies or recombinant proteins/vaccines. Basic knowledge and experience in scaling-up cell culture processes from Shaker flasks to stirred tank bioreactors is required.

Preferred Qualifications:

Ph.D. in Chemical/Biochemical Engineering or related discipline with 2 – 5 years experience or B.S/M.S. in Chemical /Biochemical Engineering or related discipline with 7 – 10 years experience. The candidate should have demonstrated record of scientific achievement and a broad and integrated knowledge of the cell culture process development with Chinese Hamster Ovary (CHO) or other similar mammalian cell lines in stirred tank bioreactors. Experience in scaling-up cell culture processes from micro-reactors (AMBR 15 and AMBR 250) and mini-reactors (3 – 10 liters) to large-scale Single Use Bioreactors (1000-2000 liters) and traditional Stainless Steel bioreactors (1000 – 20,000 liters) is highly desired. Experience with performing Mass Transfer Coefficient (K_{la}) studies, determining Oxygen Transfer Rates (OTR) and Oxygen Uptake Rates (OUR) is highly desired. Previous experience in cell culture development and scale-up of high cell density cultures in fed-batch or perfusion mode (Alternating Tangential Filtration – ATF) is preferred. Previous experience with authoring of CMC sections for regulatory filings is preferred.

Other Details:

The candidate will be responsible for the development, scale-up, characterization, and transfer of cell culture processes into cGMP facilities for both early and late-phase projects. The candidate will interact with scientists/engineers within the group and also with colleagues in downstream process development, analytical methods development, clinical manufacturing groups involved in the process scale-up and technology transfer of manufacturing processes for the production of Pre-clinical, Phase 1 – 3 clinical supplies. The candidate will represent the department on project teams. In addition, the candidate will be responsible for authoring technical reports, protocols, technology transfer documents, and CMC sections for regulatory filings. The candidate must be a highly motivated self-starter, with excellent verbal and written communication skills, and the ability to work effectively individually and in team and matrix environments.

Position Title: Cell Biologist

(Investigator/Sr. Scientist)

Hiring Manager: Paddy Iyer (paddy.x.iyer@gsk.com)



Basic Qualifications:

B.S/M.S. in Biochemistry/Cell Biology or related discipline with 5 – 7 years experience. Candidates must have experience in mammalian metabolomics including an understanding of cellular transduction and metabolic pathways that can be utilized to improve cell culture performance. Experience in developing cell culture processes for the manufacture of monoclonal antibodies and/or recombinant proteins/vaccines is required.

Preferred Qualifications:

Ph.D. in Biochemistry/Cell Biology or related discipline with 2 – 5 years experience or B.S/M.S. in Biochemistry/Cell Biology or related discipline with 7 – 10 years experience. The candidate should have demonstrated record of scientific achievement and a broad and integrated knowledge of the mammalian cellular processes that can be leveraged for the development of cell culture processes using Chinese Hamster Ovary (CHO) and other similar mammalian cell lines. A good understanding of cellular pathways involving cell cycle regulation, cell proliferation, apoptosis/autophagy, protein expression/secretion and/or post-translational modifications such as glycosylation is preferred. Experience in improving cell culture processes by media and feed formulation optimization is highly desired. Experience in developing high cell density and high productivity processes by optimizing fed-batch and/or perfusion processes is a plus. Experience in other ‘Omics areas such as transcriptomics/genomics/proteomics would be a plus. Previous experience with process characterization/process scale-up, transfer and authoring of CMC sections for regulatory filings is desirable.

Other Details:

The candidate will be working with a team responsible for the development, scale-up, characterization, and transfer of cell culture processes into cGMP facilities for both early and late-phase projects. The candidate will be interfacing with scientists involved in automation, scale-up from bench top to small-scale (microreactors and minireactors) and large-scale bioreactors in a development facility. The candidate will interact with scientists/engineers within the group and also with colleagues in downstream process development, analytical methods development, clinical manufacturing groups involved in the process scale-up and technology transfer of manufacturing processes for the production of Pre-clinical, Phase 1 – 3 clinical supplies. The candidate will represent the department on project teams. In addition, the candidate will be responsible for authoring technical reports, protocols, technology transfer documents, and CMC sections for regulatory filings. The candidate must be a highly motivated self-starter, with excellent verbal and written communication skills, and the ability to work effectively individually and in team and matrix environments.

Position Title: Senior Scientist

Req. #: WD92436

Hiring Manager: William J. Meyer

Recruiter: John Petraglia

Basic Qualifications:

M.S. in Chemical/Biochemical Engineering or related Biological Sciences with ≥ 2 years of industrial experience or B.S in Chemical/Biochemical Engineering or related Biological Sciences with ≥ 5 years of industrial experience.

Previous hands-on experience running bioreactors (250 mL to 200L scale) is required.

Experience developing and scaling up cell culture processes using Alternating Tangential Flow (ATF) technology is preferred.

Preferred Qualifications:

Knowledge and understanding of the workings of bioreactors (including single use bioreactors), especially engineering concepts concerning mass transfer, mixing, control systems and loops, and tuning parameters.

Basic knowledge of statistical analysis, routine cell culture analytical methods and electronic data entry is highly desired.

Details:

The candidate will be responsible for developing reproducible processes and understanding the engineering aspects of scale-up (i.e. the relationship between different types of bioreactors and their scales). The candidate will also evaluate and implement ATF technology in the cell culture scale-up lab.

The candidate will interact with colleagues in downstream process development, analytical methods development, clinical and commercial manufacturing groups for supporting projects. The candidate will be responsible for authoring technical reports and technology transfer documents.

The candidate must be highly motivated, have excellent verbal and written communication skills and must demonstrate ability to work as a part of the project team in a matrix team environment.

Position Title: Bioprocess Technologist

Sr. Scientist/Investigator

**Hiring Manager:** Diana Ritz (Diana.B.Ritz@gsk.com)**Basic Qualifications:**

- B.S./M.S. in chemical engineering, biochemical engineering, bioinformatics, or a related discipline with 5-10 years of industry experience
- Expertise in laboratory automation (e.g., ambr15, ambr250, Tecan, Hamilton, etc.) and/or high-throughput analytical tools
- Experience with multivariate analysis (e.g., PCA, PLS) of large data sets or other innovative bioinformatics or modeling techniques

Preferred Qualifications:

- Ph.D. in chemical engineering, biochemical engineering, bioinformatics, or a related discipline with 2-5 years of industry experience
- Skills related to process analytical technologies such as Raman spectroscopy, including chemometrics
- Experience evaluating and implementing new platform technologies
- Hands-on mammalian or microbial bioreactor experience

Details:

We are seeking a candidate to drive implementation of automation solutions, process analytical technology (PAT), and advanced data analysis capabilities in biopharmaceutical upstream process development. In terms of automation, we aim to free our scientists from repetitive manual work and increase the pace of process development by embedding innovative automation solutions into our daily work. These solutions must also be coupled with streamlined data acquisition, storage, and visualization tools to derive maximum insight from our data. We also seek to gain a deeper understanding of our cells and processes using both traditional and innovative analytical techniques to monitor both process and product quality.

The candidate must be highly motivated, flexible, and able to work in a team environment. The position will involve collaboration with colleagues across the organization, including downstream process development, analytical methods development, and GMP manufacturing. Excellent verbal and written communication skills are required