

WE ARE HIRING

Adv No: BT/DSP/TL/26-2-2022

We are looking for Team leader/ Senior Scientist to lead the downstream group with expertise to support delivery (on time and within the budget) of developed purification processes of purified recombinant proteins. As a team leader he/she should be responsible to design, plan, develop, optimize and validate of chromatographic and downstream processes and should have extensive experience in Biopharmaceutical industry with biosimilar and/or peptide purification.

Overall Competency

- Able to develop scalable / robust chromatographic process and end-to-end downstream process
- Experience in designing chromatographic purification methods for scalable process at R & D and pilot scale
- Scouting and screening for suitable resins, buffer conditions and pH
- Extensive experience with Ion-exchange, hydrophobic, RP-HPLC and other purification techniques
- Method design, development, optimization, standardization, testing robustness and dynamic binding capacity measurement and validation
- Familiarity with FPLC platforms like AKTA/ Unicorn and columns like XK, Hiscale, BPG and SS
- Extensive experience with TFF, Hollowfibers, Ultrafiltration/ Diafiltration, Microfiltration techniques
- Experience with Inclusion body preparation, solubilization and refolding is must
- Perform in process contaminant profiling and impurity profiling
- Experience in new method developments, troubleshooting, fixing specifications and in process controls
- Deliver product specific and platform DSP documentation, process flow diagrams and reports ensuring appropriate quality of documentation to support inclusion of data and information in regulatory filings.
- Documenting deviations and maintaining GDP in accordance with regulations and guidelines
- Technology transfer of methods from R&D to manufacturing
- Presentation of results at internal and external meetings
- Represent the downstream group at regulatory inspections (during audits)
- Ensuring a clean and organized protein lab environment
- Ability to work independently as well as a member of a team in a dynamic environment
- Train and mentor junior scientists or executives, providing scientific and technical expertise and guidance on downstream processing
- Interact with other departments and teams involved within the company

Qualifications:

- MSc with 10+ years of extensive knowledge and hands on experience in process development of protein purification and analysis
- Or
- PhD in Biochemistry/ Chemistry with 5+ years of experience in industry in operations and method designing

Interested candidates may apply to this position by sending their CV to **careers@bycusbio.com**
Please Quote the advertisement number in the subject of the e mail

WE ARE HIRING

Adv No: BT/CC/GL/26-2-2022

We are looking for Group leader to join the mAB development and production division to lead the efforts for developing and optimizing cell culture process including media development, feeding strategies, process parameters optimization, process characterization and scale-up for large scale production of monoclonal antibody development from preclinical through Phase III, and commercialization. The main responsibilities will include the design, execution, and documentation of experiments to develop phase-appropriate upstream processes (bioreactor, transfection, infection, microfiltration, filtration) for clinical supply production, and further optimize/scale up these processes to enable transfer of robust processes to the commercial space.

Overall Competency

- Provide leadership and technical direction for development and execution of overall processes development for mammalian therapeutic proteins and mAb candidates.
- Expertise and technical knowledge in mammalian therapeutic proteins and mAb development encompassing R&D, Manufacturing, Quality and Regulatory functions.
- Develop and optimize the cell culture parameters and nutrient requirements in shaker flasks and bioreactors (10L) for mammalian suspension cell growth for therapeutic proteins and antibody production.
- Develop and optimize the transient transfection or stable cell line production process to maximize the yield.
- Ability to analyze complex data and reach valid scientific conclusions
- Deliver product specific documentation and reports ensuring appropriate quality of documentation to support inclusion of data and information in regulatory filings.
- Author and review technical document and reports to support RCGM, CDSCO filings.
- Work with a high degree of independence to lead R&D projects and contribute to project planning.
- Update and familiar with current and relevant scientific literature.
- Technology transfer of methods from R&D to manufacturing
- Provide updates and presentation of results at internal and external meetings
- Represent the group at regulatory inspections and during audits
- Ensuring a clean, organized and sterile cell culture lab environment
- Train and mentor junior scientists or executives, providing scientific and technical expertise and guidance
- Interact with other departments and teams involved within the company

Qualifications:

- PhD in Cell biology, Biotechnology, Bioengineering or a related field. PhD with minimal 5+ years' relevant experience, or M.Sc. with 10+ years relevant experiences.

- Mammalian cell culture experience of 5 years with various adherent cells and suspension cells such as HEK293 and CHO cells is required.

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WE ARE HIRING

We are looking for **Team Leader/ Senior Scientist** to join **Yeast Expression Platform**, a new department for production of recombinant peptides and proteins. **Bycus Therapeutics** is a start-up company founded by University of Hyderabad's alumni to develop high-quality biosimilars & peptides.

The person in this role will work in a high-performing, fast-paced environment, ensure project goals and timelines are met, and help drive the projects from clone development to production of biologics including proteins and peptides.

Qualification: M.Sc. graduate with 10 years industry experience or PhD graduate with 1-5 years' experience in academics or industry

OVERALL RESPONSIBILITY

In charge of end-to-end process development & characterization of recombinant proteins & peptides production in yeast

OVERALL COMPETENCY

Strong acumen on

Cloning, expression & purification of recombinant proteins in yeast (*Saccharomyces* or *Pichia pastoris*)

Stable cell line development

Yeast fermentation

Protein & peptide Purification & characterization

General background

Biochemistry/Biophysics/Molecular biology/Microbiology

Process Industrial Methods – bioprocess development

Handling of *Saccharomyces* or *Pichia pastoris*.

Classical strain improvement of *Saccharomyces*.

Development of screening platform for high-yielding stable clone identification

Data management

Knowledge of biopharmaceutical guidelines & regulations

Guiding & mentoring junior executives

Regular presentation of research results and reports to the management

Writing of project proposals for Government funding schemes

Presenting and appearing before regulatory bodies like RCGM & CDSCO

Interested candidates can send their CVs to hr@bycusbio.com

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