

Atul Wankhade

Profile

I am Biotechnologist professional with 6 years of experience in downstream process. I have worked on isolation and purification of recombinant proteins and bacterial polysaccharides at lab as well as large scale. Looking for opportunity which offer a high level of creativity, where I explore my skills and update my knowledge.

Work Experience

Senior Research Associate I – USV PVT Ltd (Apr 2022 – Present)

Job Responsibilities-

1. Perform and manage downstream processing activities of Biosimilars.
2. Preparation and revision of SOP, BMR and BPR.
3. Project development report preparation.
4. Perform column packing and evaluation.
5. Compliance of the area and equipment as per GDP norms.

Senior Executive – Panacea Biotec Ltd (Sep 2019 – July 2021)

Job Responsibilities-

1. Process optimization and manage downstream processing activities of various bacterial recombinant protein as well as polysaccharides purification.
2. Purification of Bio-Conjugate molecule.
3. Preparation and Review of SOP and BMR.
4. Column packing and Evaluation.
5. Concentration and Diafiltration using Hollow fiber as well as Cassette.

Scientific Officer – Panacea Biotec Ltd (Aug 2018 – April 2019)

Job Responsibilities-

1. Perform and manage downstream processing activities of Hepatitis B vaccine.
2. Preparation and revision of SOP and BMR
3. Chromatographic column packing and evaluation.
4. Compliance of the area and equipment as per cGMP norms.

Project Assistant II – CSIR-IMTECH (Jun 2016- July2018)

Job Responsibilities-

1. Worked on RCGM project (Review Committee on Genetic Manipulation, India) from small scale to large scale.
2. Data collection and document preparation for RCGM project
3. Process optimization of recombinant protein isolation and purification on lab and pilot scale.
4. Qualitative and Quantitative analysis of Drug Substance and Drug Product.
5. Formulation and stability study of Drug Product.
6. Inoculum preparation for Fermenter.

Education

M.Sc. Biotechnology (2012 - 2014)

SGB Amravati university

Honours: Passed "1st division" having CGPA of **7.06/10.00**

B.Sc. Biotechnology (2008-2011)

SGB Amravati university

Honours: Passed "2nd division" having 51.38%

Subsidiaries: Botany & Chemistry

Skills

Hydrophobic Interaction Chromatography (HIC), Ion- Exchange Chromatography (DEAE), Affinity chromatography, Size Exclusion chromatography, Antigen Purification, Polysaccharides Purification, Recombinant Protein Purification, SDS-PAGE, UV-Vis Spectroscopy, Circular dichroism (CD) Spectroscopy, Protein Refolding, AKTA- Avant, Purifier, Pure, Prime Process & Pilot, Chromatography Column (XK, Hiscale, Axichrome, BPG & Chromaflow), Pellicon TFF, Akta Cross flow and Akta Flux, Panda PLUS 2000 (Homogenizer), Nano Photometer, Spectrophotometer, Sonication.

Other Activities

June 2017: Two days advance training program on "Introduction to UNICORN Control Software and Column Packing" was conducted by Wipro GE Healthcare, Bangalore at CSIR-IMTECH, Chandigarh

Jan 2015: Two days National Workshop on "Workshop on tools for Computer-Aided Drug Design (CADD)" organized by Department of Biotechnology, SGB Amravati University, Amravati (M.S).

Mar 2015: Two days National Workshop on "Workshop on tools Molecular Docking" Organized by Department of Biotechnology, SGB Amravati University, Amravati (M.S) 444602.

Feb 2015: Poster presentation at Bhartiya Vigyan Sammelan and Expo2015, Goa on "Isolation, Identification and characterization of PHB producing bacteria from soil sample of Purna River, district Amravati (M.S), India.

Personal

Date of birth : 10 Aug 1988

Gender : Male

Marital status : Married

Nationality : Indian

Speaking languages : English, Hindi, and Marathi.

Blood Group : O+ve

Permanent Address : Gajanan Nagar, Mahadev Khori, Amravati (MS), India- 444606

Place: Amravati

Atul Natthuji Wankhade