

## Curriculum Vitae

**Dr. SHARAD KUMAR**

QC, Research & development  
Vaccine Technology Centre (VTC)  
Zydus Lifesciences Ltd.  
Ahmedabad (Gujrat)  
[kumarsharad2009@gmail.com](mailto:kumarsharad2009@gmail.com)  
+91-8960630889



### **Organizational experience:**

**Total Experience: 10 year**

**From 13 July 2018 to till date (4 Year 03 Month)**

As Assistant Manager in Virology and Cell Culture Lab, Quality Control Department, VTC.

**Zydus Lifesciences Limited, Biotech Park, Changodar Ahmadabad, India**

#### **Job Responsibilities:**

- As a SME of viral vaccines like Measles, Mumps, Rubella, Varicella and Covid19 of Drug substance and Drug product.
- Analytical method Validation of different vaccines of Measles, Mumps, Rubella, Varicella and Covid19 of drug substance and drug product.
- Daily Routine Testing, Planning, reviewing of Viral Vaccine. Cell culture based potency, identification, HAD, Non HAD, ELISA Based like BSA Content, Ovalbumine, Total Protein and Mycoplasma testing by Microarray chip based method, HCP, HCD, DNA Content, Purity, Residual RNA, Osmolality, Identify etc.
- WVS, WCB, MCB preparation and testing and characterization of different cell lines.
- Preparation and execution of Stability protocol, Analytical method Protocol, Qualification of the all viral products. SOPs, Protocol, Specification, Rational preparation.
- Handling of QMS like Change control, Deviation, OOS, OOC, OOT and Investigations.

**From 02 Feb 2017 to 10 June 2018 (1 year 4 month)**

As Scientific Officer in Molecular and Cell culture Lab, Quality Control Department

**Panacea Biotech Ltd. Lalru, Mohali, Punjab, (WHO Geneva approved), India**

#### **Job Responsibilities:**

- Preparation of daily action plan, Cell Bank testing for Hepatitis B, Dengue, etc, Purity, Microbiological analysis, Molecular analysis, Calibration of equipments/instrument.
- **Testing:** Mycoplasma testing, MTB, HCP, Total DNA assay, Dengue testing, SOP and protocol Preparation, Materials issuance, Indenting of materials etc.

- HVAC validation and revalidation, UDAF validation and revalidation, Validation of Inubator, Cold room, Refrigerator, Autoclaves (DHS), Validation report preparation, Validatin protocal prapartion, Qualification of area and equipments ie IQ, OQ, PQ and DQ.
- SOP preparation, Protocol and specification prepataion, Incident, Change control, CAPA, Deviation, Investigation OOS, Action plan, Risk Assesment, System Imapct analysis etc.

**From 08 July 2013 to 07 Dec 2016 to till date (3 Year 5 Month)**

As Research Fellow in Environmental Microbiology Lab,

**CSIR-Indian Institute of Toxicology Research Lucknow, India**

**Job Responsibilities:**

- Toxicity studies of chemicals in Vitro Model system in different cell lines. Dengue Testing Hepatitis B testing etc.
- Protein and enzyme isolation from bacteria, and biochemical characterization, SDS PAGE, purification of enzyme by Ion exchange chromatography, Gel filtration, DNA figure printing, ELISA, Western blotting etc, Biodegradation, bioremediation and Bioagumentation).

**From 28 Sept. 2011 to 07 Feb 2013 (1 Year 5 Month)**

As Project Fellow in Biochemistry Lab,

**CSIR-Indian Institute of Toxicology Research Lucknow, India**

- DNA Figure printing, RAPD, Microsatellites, Minisatelittesetc, Handling of Animals likes Rabbits, guinea Pigs, Rats, Mice etc.
- Toxicity studies (Acute, Sub acute, Chronic and Sub chronic studies in Rat, Mice through OECD and GLP guidelines, Pre-clinical studies, Regulatory studies, genotoxicity studies, Oragnogram, Dermal studies etc.

Educational Qualification				
Degree	Year	Board/University	Subject	% Marks
P.hD.	2015-2019	Amity University, Uttar Pradesh, Lucknow Campus, CSIR-IITR Lucknow	Biotechnology	Awarded
M.Sc.	2008-2010	Devi Ahilya University, Indore, India	Life Science	70.76%
B.Sc.	2004-2007	V.B.S. Purvanchal University, Jaunpur, India	Zoology, Chemistry & Botany	63.50%
12 <sup>th</sup>	2002-2004	U.P. Board, Allahabad	Physics, Chemistry, Biology, English, Hindi	60.00%
10 <sup>th</sup>	2000-2002	U.P. Board, Allahabad	Hindi, English, Math, Science ,Social Science	50.30%

**DOCTOR OF PHILOSOPHY (PhD.)**

**Ph.D. Title:** *Functional characterization of thermostable xylanases for toxicity reduction in pulp and paper industry wastes.*

**I have published 19 research papers in reputed national and international journals.**

Personal Information	
Date of Birth:	Nov 10 ,1987
Father's Name:	Mr. Brijmohan Prasad
Permanent Address:	H.No. 36 Ward No-5 Lokmanya Tilak Nagar Sakaldiha Road Chandauli Distt Chandauli ,U.P.232104 ,India
Marital Status:	Unmarried
Languages known:	English, Hindi

**Current company:** Zydus Lifesciences Ltd. Ahmadabad

**Notice period:** 03 Months

**Current Designation:** Assistant Manager

**Current Location:** Ahmadabad

**Total experience:** 10 Years

**References:**

Yashpal Kaushik

Ex. QC Head (Cadila Healthcare)

Mobile No. +919866149411

Banglore (Karnataka)

Dr. Jyoti Prakash (Assistant Professor)

AIB, Amity University Lucknow

Mobile No. +919450111076

Email: jprakash@amity.edu.in

**Declaration**

I hereby declare that all of above given information by me are true to the best of my knowledge and belief.

**Date:** 19/10/2022

**Place:** Ahmadabad, India

**Sharad Kumar**