

Highly motivated and dedicated team player looking for a challenge in a progressive organization that gives scope in sustainable growth for self and organization through competitive working, creative thinking, updated procedures, and empathy.

SKILLS AND KNOWLEDGE

Technical:

- DMPK, Bioequivalence, and Bioavailability Studies (Human/Rodent/Non-Rodent)
- Method Development & Validation for both Bioanalytical (***In-vitro & In-vivo***) and analytical especially on LC-MS/MS, HPLC/UPLC/UFLC, and UV
- Worked on small molecules mainly and has exposure to working in large molecules
- Development of Sample Preparation method for varied bio-matrices and In-vitro media
- Stability Studies, Forced Degradation studies
- Adherence to Good Laboratory Practices, Good Documentation Practices, and 21 CFR and knowledge of GCP
- Impurity Study
- Has worked on projects for submission to the regulated market
- Quality by Design
- Knowledge of Clinical processes, data analysis, and Scientific writing
- Hands on-instrument: Preparative-HPLC, HPLC/UPLC/UFLC, UV, LC-MS/MS and general lab instruments
- SOPs preparation and review as well as support training activities as and when required
- Preparation and review of Bioanalytical method validation report and BE study report
- Analytical data checking and data review
- Troubleshooting

Personal:

- Demonstrated leadership capability and strong writing skills
- Meticulous attention to detail
- Strong organizational skills and ability to work collaboratively in a cross-functional team environment
- Capable of prioritizing, multitasking, and delivering results
- Excellent communication (written and verbal), interpersonal, organizational, time management, and planning skills
- Proficient computer experience along with the use of MS Office (e.g., Word, Excel, Outlook, PowerPoint) and Adobe Acrobat

EXPERIENCE

March 01, 2020- Sep 30, 2022	Senior Research Scientist- Bioanalytical <i>Venus Remedies Ltd., Panchkula</i> Role: DMPK studies (Leadership role) Planning, delegation, and execution of Study, Method development, troubleshooting and data interpretation. Validation according to requirement. Operating Instrument: LC-MS/MS, Shimadzu 8045 paired with Prominence-i LC2030C system and LC 2010C HT. Preparation and review of SOP's, Protocol, report and analytical data. Routine Calibration; well versed in GLP, GDP, and bio-analytical regulatory guidelines. Carrying out training according to requirement.
August 17, 2020- Feb 28, 2021	Junior Research Scientist- Bioanalytical <i>Venus Remedies Ltd., Panchkula</i> Role: DMPK studies (Leadership role) Planning, delegation, and execution of Study, Method development, troubleshooting and data interpretation. Validation according to requirement. Operating Instrument: LC-MS/MS, Shimadzu 8045 paired with Prominence-i LC2030C system and LC 2010C HT. Preparation and review of SOP's, Protocol, report and analytical data. Routine Calibration; well versed in GLP, GDP, and bio-analytical regulatory guidelines. Carrying out training according to requirement.
May 6, 2019- March, 2020	Research Associate- Bioanalytical <i>Centaur Pharmaceuticals Pvt. Ltd. (Div: LifeSan Clinical Research), Mumbai</i> Role: Bioequivalence studies (For FDA Submission) Sample processing and chromatographic method Development for Bio study, Validation according to requirement. Sample Processing for subject sample analysis. Operating instrument: LC-MS/MS, Waters Xevo TQ-XS system. Preparation of SOP's, Protocol and analytical data review. Routine Calibration, GLP, GDP.
July 17, 2017- May 03, 2019	Research Associate- Bioanalytical <i>Ajanta Pharma Ltd., Mumbai</i> Role: Bioequivalence studies (For FDA Submission) Involved in Bioequivalence studies; includes method development along with sample processing optimization/ selection respective to project and subject sample analysis. Operating Instrument: LCMS/MS, Shimadzu (Nexera)-AB Sciex, 4500 & 5500. Method Development Report, Standard Test Procedure and Standard Operating Procedure writing. Daily Verification and routine calibration. Complete update to Bioanalytical guideline for validation and study.
Sep 2012- May 2017	Project Fellow <i>For Project funded by DST, Science and Engineering Research Board</i> Characterization and identification of potential impurities in drug and pharmaceuticals Carried out at Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur.

2014-16	Contributory Teacher <i>Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur</i> Teaching Adv. Analytical Techniques for master students and Guiding them on their master's thesis (Project) work.
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EDUCATION

2013-2019	Ph. D. (Pharmaceutical Chemistry) <i>Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, M.S., India (Submitted Feb 14, 2017, Awarded 2019)</i>	
Thesis:	Development of Stability Indicating Assay Methods for Some Anti-diabetic, Anti-coagulant and anti-psychotic agents in their Pharmaceutical Preparations	
2009-2011	70.58 %	Master in Pharmacy (Pharmaceutical Chemistry) <i>R.N.S. Institute of Pharmaceutical Sciences and Technology, Gwalior, M.P., India</i> <i>Under R.G.P.V. University, Bhopal, M.P., India</i>
Thesis:	Development and Validation of Analytical Method for estimation of Naproxen in Rat Plasma by LC-MS-MS and Its Application into Pharmacokinetic Study of Naproxen in Wistar Rats Carried out at Jai Research Foundation, Vapi, Gujrat, India	
2005-2009	65.41 %	Bachelor of Pharmacy <i>Agnihotri College of Pharmacy, Wardha, M.S., India under</i> <i>Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, M.S., India</i>
Feb 2005	69.33%	Higher Secondary Certificate Examination <i>Nevjabai Hitkarini College, Bramhapuri, Dist.: Chandrapur, M.S., India</i> <i>Maharashtra State Board of Secondary and Higher Secondary Education, Pune</i>
March-2003	73.06%	Secondary School Certificate <i>Nevjabai Hitkarini Boys High school, Bramhapuri, Dist.: Chandrapur, M.S., India</i> <i>Maharashtra State Board of Secondary and Higher Secondary Education, Pune</i>

Certification

2011-2012	Industrial Program in Pharma Regulatory Affairs, Bioinformatics Institute of India, Noida, U.P., India
2003	Maharashtra State Certificate in Information Technology, MSBTE, Mumbai, India
2002	Maharashtra State Certificate in Information Technology, IGM Computer Education, Delhi, India (Carried out at Bramhapuri Branch)

Training

1 st May 2008 – 30 th May 2008	Unijules Life sciences PVT LTD, Nagpur, M.S., India Quality Control Department
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PUBLICATIONS

- P07 Toxicokinetic profile of VRP-034. JAC-Antimicrobial Resistance, Volume 4 Issue Supplement_1, February 2022 , dlac004.006, <https://doi.org/10.1093/jacamr/dlac004.006>- Yogesh Murkunde, Saransh Chaudhary, Rahul Chilbule et.al
- P06 Pharmacokinetics and renal accumulation of VRP-034. JAC-Antimicrobial Resistance, Volume 4, Issue Supplement_1, February 2022, dlac004.005, <https://doi.org/10.1093/jacamr/dlac004.005>- Rahul Chilbule, Saransh Chaudhary, Anmol Aggarwal et.al
- Experimental Design Based Optimization of HPLC Method for Determination of Blonanserine in In-Vitro Human Serum Sample. International Journal of Pharmaceutical Sciences and Research 2017; 8(2): 646–57 – Rahul P. Chilbule, Rajendra B. Kakde
- Development and Validation of RP-HPLC Method for the Quantitation of Ticagrelor Using Box-Behnken Experimental Design. American Journal of Pharmtech Research 2016; 6(5): 388– 402 – Rahul P. Chilbule, Rajendra B. Kakde
- Stability Indicating RP-HPLC Method for Estimation of Ticlopidine in Pharmaceutical Preparations. The Pharma Review Dec 2012; 10(60):141-145- R. B. Kakde*, A. G. Barsagade, K. G. Gadapayale, G. R. Kalyankar and R. P. Chilbule
- Solid Phase Extraction-HPLC Method for Determination and Pharmacokinetic Study of Garenoxacin in Rat Plasma after Oral Administration. International Journal of Pharm Tech Research 2017; 10(2): 77-83- Rajendra B. Kakde, Rahul P. Chilbule, Krutika Warthi
- Method Development, Validation and Impurity Profiling of Ticagrelor by Acid Degradation Method. International Journal of Pharm Tech Research 2017; 10(4): 225-236- Rajendra B. Kakde, Rahul P. Chilbule, Dinesh Satone, Geyata Dongare, Yogesh Malkhede

CONFERENCE

- Excellence in Quality to Evolve Global Challenges, Nov 2015
- Community Pharmacy, Oct 2015
- Research Methodology and Quantitative Methods, June 2015
- Patents and Related Issues, Oct 2013
- Advance techniques in Pharmaceutical Analysis, Feb 2013
- Indian Pharmaceutical Congress, 2008

REFERENCES

Will be provided in the proceeding

PERSONAL DETAILS

Date of Birth: Dec 16th, 1987

Permanent Address: C/O Dr. P. G. Chilbule, Christanand Square, Bramhapuri, India-441 206

Languages: English, Hindi, Marathi

I do hereby declare that the all above information is true and it's my best of knowledge.