



Naresh Dumbre

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In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the action

Solutions Focused, Meticulous and Challenge driven **M.Sc (Chemistry)** professional offering **14 years** of experience in **R & D and process optimization** arena of late stage project. **Currently working in agrochemical research industry**; Persuasive communicator with exceptional relationship management skills with the ability to relate to people at any level of business and management; highly ethical, trustworthy and discreet; Experience in drug discovery in different therapeutic areas (anti-cancer, inflammation, anti-infective and metabolic disorders)

- ✦ Proven track record in tackling the issues of **Pharmaceutical & Chemical R & D** arena.
- ✦ Extended expertise in **Organic Synthesis** to Design and synthesis of Novel Compounds and Scale up as per requirement in **Medicinal Chemistry, New Building Block Intermediates (NBBI)** and **Library Synthesis, bulk synthesis in late stage by optimizing cost effective scalable route (scale up ~50 g to 1 kg)**.
- ✦ Deft in Modern Spectroscopic, Chromatographic Isolation and purification techniques & interpretation of spectral data viz. **NMR, LC-MS, GC-MS, HPLC, Preparative HPLC, IR etc**
- ✦ Handle all instrument by own for structure elucidation.
- ✦ Broad exposure to chemistry related software's like ISIS Draw, Chem Draw, MDL Draw, Microsoft Excel, Power point presentation etc.
- ✦ Familiar with the reference searching software's such as, **Scifinder, Beilstein, Reaxys, prous integrity, etc**
- ✦ Skilled team player with proven ability to lead and motivate teams to maximize productivity
- ✦ Sound communication skills through patient and persistent dialogue; Disciplined, versatile and big picture thinker;
- ✦ **Structure Activity and Relationship (SAR):-**
- ✦ Developed the Structure Activity Relationship on a given target from hit to lead, on the basis of SAR, design and synthesize new chemical entities
- ✦ Given training to trainee chemist in lab.

PROFESSIONAL EXPERIENCE

PI Industries India Ltd.

(6 Mar 2017 - till date)

Sr. Research Scientist (Research project leader, group of 5 people)

Key Responsibilities:

- ✦ Working on Fungicide and Nematicide program and start to generate in-vivo SAR for the same.
- ✦ All instrument in-charge and lab safety Head.
- ✦ Synthesis of tool compounds for POC as per requirement.
- ✦ Given training to newly joined chemist and synthesized >300 compounds for both program.
- ✦ Working on Acaricide project as a research project leader since June-2019
- ✦ Distribute chemistry work among the group, to achieve the high productivity.
- ✦ Present the project progress, report and chemistry update in front of higher management on monthly basis.
- ✦ Optimized the cost effective method for lead compound in Nematicide project as well as acaricide (500 gm. scale)
- ✦ Optimized the chemistry for chirally pure metaryl picoxamide as a marker in fungicide project in 50 g scale in fungicide (Picolanimide fungicide (PLA) project)
- ✦ ACA, Nematicide project are in MFT stage and early tox is in progress.

Daiichi Sankyo India Ltd.

Sr. Research Scientist-

(July 2010 – Jan 2017)

Key Responsibilities:

- ✚ Design, Synthesis and characterization of New Chemical Entities (NCE's) and reference compounds.
- ✚ Preparation of weekly and monthly work report and literature search etc.
- ✚ Coordination with colleagues for Projects progress.
- ✚ Providing solutions for problems encountered in projects.
- ✚ Synthesis and optimization of Compounds by considering the COG from mg to several gram and kilogram scale in late stage development project.
- ✚ Timely Sourcing of raw materials and instruments to enable execution of lab work.

Achievements:

- ✚ Receive innovation award for development of prodrug DS- 2969 to improve solubility for IV formulation. Programme is in late stage of discovery for CDI infection.
- ✚ Generate SAR for compound for PI3K delta inhibitors and identify the compound for late stage development.
- ✚ Patent publication WO20182018169092A1).
Inventors: KHERA, Manoj, Kumar; c/o DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho, Chuo-ku, Tokyo, 1038426 (JP). DUMBRE, Naresh, Chintaman; c/o DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho, Chuoku, Tokyo, 1038426 (JP). KHAN, Pasha; c/o DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho, Chuo-ku, Tokyo, 1038426 (JP)
- ✚ Filed provisional selection patent in Acaricide project

Ranbaxy Research Lab.

Research Chemist-

(Dec 2007 – July 2010)

Key Responsibilities:

- ✚ Initially working on natural product synthesis to collaboration phytochemistry.
- ✚ Synthesis and characterization of Compounds from mg to several gram and kilogram scales as per requirement.
- ✚ Preparation of Documents, weekly and monthly work report and literature search etc.
- ✚ Timely Sourcing of raw materials and instruments to enable execution of lab work.
- ✚ Training for handling of variety of instruments.
- ✚ Individually synthesized >1000 molecules and actively involved in establishing Combinatorial Chemistry lab.
- ✚ Actively participated in various workshops and training organized in Daiichi Sankyo India Pharma Private Limited (DSIN), and Ranbaxy Laboratories Limited (RLL), Gurgaon, India,
 - * Customer Focus
 - * Self-effectiveness
 - * Collaboration Skills
 - * Advance Presentation Skills
 - * Communication Skills
 - * Decision Making and Problem Solving Skills
 - * Written and Speaking English language skills

Instruments Handled

- ✚ Combiflash single and multiple purification system (ISCO) Biotage, SP4-flash & Teledyne Isco Combiflash
- ✚ Buchii Sephadex used for isolation of crude products
- ✚ Flash Chromatography
- ✚ Different parallel synthesizer
- ✚ Microwave Biotage
- ✚ Different Parr autoclaves
- ✚ Rotavapour
- ✚ MS , NMR,HPLC,LCMS

ACADEMIC CREDENTIALS

M.Sc (Drug Chemistry)	University of Pune	2006
B.Sc (Chemistry)	University of Pune	2004

SYMPOSIA ATTENDED

- Attended the International Symposium on **Airway Diseases: Etiology to Clinic**. Organized by Daiichi Sankyo India Pharma Pvt.Ltd. and Ranbaxy Laboratories Ltd.
- Attended international conference in organic Synthesis (ICOS21) in Mumbai IIT
- Attended national conference in organic Synthesis held by IIT Rurki

PERSONAL DETAILS

Date of Birth : 30th May 1984
Languages Known : English, Hindi and Marathi
Gender : Male
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REFERENCES

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