***CURRICULUM VITA* Dr. PARIKSHIT RAJENDRA DAHIKAR** (M.V.SC & A.H. Pharmacology & Toxicology)

**Contact Details\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_**

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Address : Nagpur Maharashtra 440002.

**Interested in \_\_\_\_\_\_\_\_\_\_\_ \_\_\_ \_\_\_**

Scientist positions in Toxicology, Pre-clinical R & D sector. Regulatory Toxicology

**Present Professional Position\_ \_\_**

Present Organization: **Incozen Therapeutics & Pharmaceuticals Pvt. Ltd.** Hyderabad, as Senior Research Associate & In charge Lab Animal House Dept. DMPK / Safety Evolution, Toxicology, Drug discovery, located in Hyderabad India.

Past Employee:

**National Innovation Foundation- India, Dept. of Science & Technology, Govt. of India.)Ahmedabad**

Post: Research Fellow / Senior Research Associates. R&D, Research & Development & Value Addition, Since Aug-Sept.2010 till Mar 2012.

**Professional Role at NIF (Dept. of Science & Technology) and Incozen Therapeutics & Pharmaceuticals.**

* Toxicity testing of Innovative drugs on laboratory animals, worked on Rats, Mice, Guinea pigs,
* Presently associated with Repeat dose Tox- studies for 14, 28days in Rat and mice.
* Conducted Toxicokinetic studies in Rats.
* Assisted in Toxicokinetics studies and Drug feeding in Beagle Dogs.
* Performed and assisted in various Acute Tox-studies such as Limit tests, up & down tests, acute dermal toxicity testing etc.
* Knowledge of Schedule “Y”, ICH and OECD guidelines for toxicity testing to lab animals and preclinical development.
* Assisted in drug efficacy & pharmacological studies in Rats and guinea pigs targeted against Asthma.
* Assisted in and knowledge of Reproductive and developmental toxicity testing such as Segment I.
* Knowledge of Core battery of Genotoxicity like Ames test, in vitro micronucleus test (MNvit), in vitro chromosomal aberration (CAvit) test etc.
* Associated with Anti -neoplastic drug testing in tumor induced mice model.
* Viewed projects on Acute Dermal Toxicity on female mice in coordination with IITR, Lucknow, reviewed and commented on results on toxicology.
* Conducting Drug trials against Ephemeral Fever (viral disease of cattle) in Southern Gujarat India area with TAVP (Tested Anti –Viral Preparations) on animals for veterinary medicine.
* Working on R&D tools & means in treatment of sub-clinical mastitis and Pharmacodynamics for intramammary drug infusion in cattle.
* Microbiological evaluation of antimicrobial properties of selected herbs and herbal products and their toxic review.
* Conducting periodic clinical trials in lab as well as in other test 100-200 animals.
* Handling, coordinating research projects, performing pre-clinical trials for claimed medicinal properties of herbs at NIF.
* Regional Scouting & documentation throughout India specially Orissa, Maharashtra M.P., Gujarat & U.P. region for Veterinary conventional drug research & development against specific prevalent diseases at NIF.
* Responsible for collection, verification & formulation for testing of medicinal herbal test products on laboratory animals also on dairy animals.
* Prior art search (PAS) for Pharmacological & Toxicological properties of various drug and formulations also Ethanopharmacology.
* Dealing with commercialization and licensing in joint Veterinary Drug Research & development of NIF and leading Pharmaceuticals of India (Such as Zydus AHL, Troikaa Pharmaceuticals, Karnataka Antibiotics etc)
* Knowledge of essentials of clinical research & Clinical trials in Human with Clinical Phases.

**Brief Professional Overviews /Experience \_ \_\_\_\_\_\_\_\_\_**

* Conducted research project entitling “Pharmacokinetics of Amikacin and its interaction with *Withania somnifera* in healthy and febrile buffalo calves” as Master degree thesis research work during the year 2008-2010.
* Conducted Drug trials for mastitis in cow and buffalo using (CMT) California Mastitis Test in central India.
* Having experience on studying *in vitro and in vivo* Antifungal efficacy of herbal plants.
* Having experience on studying *in vitro* Antimicrobial efficacy of herbal plant likes *Withania somnifera*.
* Having theoretical and practical knowledge on different phases of clinical trials in Humans under Clinical Research in Pharmaceutical drug R&D.
* Satisfactory completion of 6 month internship clinical training of Veterinary Clinical Medicine, Surgery and Radiology, Gynecology & Obstetrics, Disease Investigation and Laboratory work.

Academic Research Project

Research Project Topic: Pharmacokinetics Of Amikacin And Its Interaction With *Withania Somnifera* In Healthy And Febrile Buffalo Calves. Research Subject: M.V.Sc. & A.H. in Veterinary Pharmacology & Toxicology, Institution Firm: Jabalpur Veterinary College. (University J.N.K.V.V.). Research Period: 2 Years

Laboratory Animal Science:

Good experience of handling, management, drug administration and blood collection in lab animal with respect to Intra-peritoneal (I/P) Drug administration in mice at pre-clinical drug testing, Retro-orbital bleeding and collection of blood samples in white Wister rats while performing toxicity research.

* Detail review of result, protocol on ‘Acute Dermal Toxicity’ and dermal toxicity testing using Limit Test on in female Wister rats.
* Performed various instruments (Analgesiometer, Rota rod apparatus, Convulseometer etc) in practices of Neuro-Pharmacology and efficacy and effects on central nervous system while testing of Nervine drugs on mice as laboratory test animal.
* Study and comparison of gross/macroscopic changes in visceral organs of rats after sacrifice for toxicity testing of test drug.
* Conducted pharmacokinetic studies after single dose in Beagle dogs, Intra nasal drug efficacy in Guinea pigs.
* Presently holding post of Office In charge Lab Animal House Dept. DMPK / Safety Evolution, Toxicology, at Incozen Drug discovery & Pharmaceuticals Pvt. Ltd. Hyderabad.
* Maintained Animal house and animal cell lines according to pathogen free conditions.
* Test performed ELISA, RBPT, CMT etc
* Presently working on HPLC and LCMS for estimation of drug plasma concentration.

Neuro-Pharmacological Practical Skills

Having good practical skills on Handling following Pharmacological instruments like Analgesiometer, Actophotometer, Cook’s pole climbing apparatus, Convulseometer, Rota rod apparatus, Digital tele thermometer, Rotary vaccum evaporator, Isolated tissue organ bath, UV Spectrophotometer

Professional Scientific / Creative writing skill\_

Have strong command over scientific writing, Capable of manuscript writing like Short Communications, Lead, Review and Research Articles to Journals and various Publications. Have very good exposure in Scientific Poster Designing.

**Current Enrolled with**

Regulatory Toxicology course in R&D & Clinical Research in Pharmaceuticals certified by NEW JERSEY BOARD OF EDUCATION USA.

**Scientific Presentations\_\_ \_\_\_**

1] Credit seminar on “Therapeutic applications of siRNA” at Jabalpur Veterinary College.

2] Poster presentation on “Effects of Nimesulide on pharmacokinetics of Levofloxacin in Lactating goats” presented at IXth ISVPT conference 2009 held at C.V.S.A.H., A.A.U. Aanand, Gujarat.

3] Presentation on research paper titled as “Pharmacokinetics of combined administration of Amikacin and *Withania somnifera* in healthy buffalo calves” in pharmacokinetic oral paper presentation-session of Xth Annual conference of ISVPT held at Jabalpur.Dec. 2-4, 2010.

**National Conferences /Seminar Particiation & Reviews\_**

1. IX-Annual Conference of Indian Society of Veterinary Pharmacology and Toxicology held at C.V.S.A.H., A.A.U. Aanand, Gujrat, India Nov 5 – 7, 2009.
2. National seminar on Nanotechnology: A futuristic application in all disciplines of science, organized by St.Alloysius College Jabalpur, India in 12-13 December 2009.
3. National seminar on Biotechnology for the 21st Century: New Horizon, organized by St.Alloysius College Jabalpur and UGC (CRO) Bhopal, India in 18-19 December 2009.
4. X- Indian Veterinary Congress & XVII- Annual Conference Of Indian Association For The Advancement Of Veterinary Research & National Symposium on Newer Challenges In Veterinary Research Education vis-à-vis Safe Animal, Food & Human Health held at Jabalpur Veterinary College, MPPCVV, Jabalpur.
5. Xth Annual conference of Society of Veterinary Pharmacology and Toxicology held at Jabalpur Veterinary College, MPPCVV, Jabalpur, India National Symposium on Recent Trends In Ethanopharmacology And Monitoring Of Environmental And Food Toxicants in 2-4 Dec. 2010.

**Scientific Publications \_\_\_\_\_**

Accepted Scientific Research Papers

1] “Clinical efficacy of lime and sulphur dip for the treatment of *Cnemidocoptes mutans* in fowl” published in compendium of IX-Annual Conference of Indian Society of Veterinary Pharmacology and Toxicology held at Anand, India Nov 5 – 7, 2009.

2] “Pharmacokinetics of *Withania somnifera* in healthy buffalo calves”

3] “Pharmacokinetics of Amikacin in febrile buffalo calves”

4] “Pharmacokinetics of combined administration of Amikacin and *Withania somnifera* in healthy buffalo calves”

Published in compendium of X-Annual Conference of Indian Society of Veterinary Pharmacology and Toxicology held at Jabalpur Veterinary College, MPPCVVV, Jabalpur, India Dec. 2-4 2010

**Nomination for Scientific Awards\_\_\_\_\_\_\_\_ \_\_\_\_\_\_ \_\_**

Nominated for INTAS Young Scientist Award 2010 in Pharmacokinetic Session in Xth Annual conference of ISVPT held at Jabalpur.Dec. 2-4, 2010.

**Scientific Community Membership\_\_\_\_\_ \_\_\_**

Life-time member of Indian Society of Veterinary Pharmacology and Toxicology (ISVPT).

**Computer Skills**

Successfully completed DTP Course. Windows XP / 2007, MS Word, MS Powerpoint, MS Office, MS Excel.

Surfing various, Databases, Photoshop, Other Professional Computer Programs.

**Professional Qulifications /Scholastics \_\_\_ \_ \_\_**

M.V.Sc. & A.H.(Veterinary Pharmacology & Toxicology) : From College of Veterinary Science & Animal Husbandry, Jabalpur Jawaharlal Nehru Krishi Vishwa Vidyalaya, with 7.2/10 OGPA in 2010.

B.V.Sc & A.H (Veterinay Science & Animal Husbandary ) : From Nagpur Veterinary College, Nagpur. Maharashtra Animal & Fishary Science University,Nagpur with 6.97/10 OGPA in 2008.

Intermediate from D.D. Nagar,Vidhyalaya, Mahal, Nagpur, Maharashtra Board with 63.00% in 2001.Matriculation from D.D.Nagar,Vidhyalaya, Mahal, Nagpur, Maharashtra Board with 74.04% in 1999.

**References:**

1.Dr. Chandrakant Jangde (President ISVPT -2010,Professor & Head, Dept. Pharmacology & Toxicology & Asso. Dean, College of Veterinary Science and Animal Husbandry Nagpur, Maharashtra. Contact: Mob. No.09822566695, Email: [drcrjangde\_07@rediffmail.com](mailto:drcrjangde_07@rediffmail.com).)

2. Dr. Y.P.Sahni (Professor & Head, Dept. Pharmacology & Toxicology. (DSW) Dean Student Welfare, College of Veterinary Science and Animal Husbandry,Jabalpur, Madhyapradesh-482001, Mobile no-+91 9424717579, E mail: [yashpal\_sahni@yahoo.co.in](mailto:yashpal_sahni@yahoo.co.in))

3. Dr. Nitesh Kumar (Asst. Professor and In charge of Dept. Pharmacology & Toxicology. College of Veterinary Science and Animal Husbandry, Mhow, Indore, Madhya Pradesh. Mobile no-+91 9827453863,

Email: [drnitesh­\_kumar01@yahoo.co.in](mailto:drnitesh_kumar01@yahoo.co.in))

**Personal Profile\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_ \_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Dr.Parikshit Dahikar

Date of birth : 18/06/1983, Gender : Male, Marital status : Bachelor, Nationality : Indian

Languages known: English, Hindi & Marathi Fair knowledge of Bengali, Gujarati.

I hereby declare that the information given in this format is correct to the best of my knowledge.

Dr. PARIKSHIT RAJENDRA DAHIKAR

MVSc & AH Pharmacolgy & Toxicology