

CURRICULUM VITAE

Dr. Padmaja Santosh Kore

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PERSONAL PROFILE

Nationality: Indian

Date of Birth: 22 Aug 1986

Gender: Female

Marital Status: Married

Languages Known: English, Hindi and Marathi, Kannada

ACADEMIC QUALIFICATION

Degree/Qualification	Year of passing	Institute/School	University/ Board	Percent Marks
Doctor of Philosophy (Ph. D in Pharmacology)	May 2017	Jawaharlal Nehru Technological University, Hyderabad.	JNTUH	--
Master of Pharmacy (Pharmacology)	April-May 2010	Poona College of Pharmacy, Pune	Bharati Vidyapeeth University, Pune	68%
Bachelor of Pharmacy	April 2008	Bharati Vidyapeeth College Of Pharmacy, Kolhapur	Shivaji University	64.25%
Diploma in Pharmacy	March 2005	Bharati Vidyapeeth College of Pharmacy, Solapur	MSBTE	78.83%
HSC	Feb 2003	Sangameshwar college, Solapur	Maharashtra State board	76.83%
SSC	March 2001	Haribhai Devkaran Prashala, Solapur,	Maharashtra State board	73.06%

INDUSTRIAL EXPERIENCE

Industrial training for partial fulfillment of B. Pharm. Degree at Aditi Pharmaceuticals, Pvt.Ltd, MIDC Chincholi, Solapur. Worked on various Industrial projects while working with the academics.

Ph. D PROJECT

The title of the project was ‘Pharmacological evaluation of some phytoconstituents on the behavioural disorders’. The work was undertaken to screen the standardized plant extract and isolated compound in various animal models of behavioural disorders as depression, anxiety, learning and memory disorders, sexual and suicidal dysfunctions. The work was undertaken in a surgical animal model named olfactory bulbectomy.

M. PHARM DISSERTATION

The title of the thesis was ‘Evaluation of antidepressant and Anti-migraine potential of INDCA in laboratory rats. The project was carried out on the industrial compound. The new rat model named Olfactory bulbectomy was standardized at college. The antidepressant study was carried out in the surgery rats. Some herbal and synthetic compounds were screened. The anti-migraine study was undertaken using nitroglycerine induced hyperalgesia model. The anti-convulsion activity of the compound was also tested in electroshock induced convulsions in mice.

SUBJECTS TAUGHT

- Pharmacology-I, II, III, IV, V
- Human Anatomy and Physiology-I & II
- Pharmaceutical Medicinal Chemistry
- Pathophysiology and Clinical Biochemistry
- Pharmaceutical Analysis-II-Practicals
- Pharmacognosy (Theory)

PROJECTS AND SEMINARS

- M. Pharm Second Semester seminar on “**Advances in 5HT receptor**”/ **Pharmacology of 5HT receptor**.
- M. Pharm First Semester seminar on “**Transgenic Animals**”
- Research projects in the capacity of Research fellow: “Evaluation of **Antidepressant** and Anti-migraine activity of **INDCA**”.
- Neuropharmacological evaluation of an ayurvedic formulation **Unmad Gajakeshari (UGK)**
- Apetizer activity of the syrup Appetomax in rats.
- Evaluation of the ‘Piloheal’ an ayurvedic formulation in animal model of hemorrhoid.
- A seminar on various animal models of behavioural disorders was delivered at Poona College of Pharmacy.

WORKSHOPS, SEMINARS AND CONFERENCES ATTENDED:

- Attended Savitribai Phule Pune University sponsored state level seminar on “Current Advances and Applications of Pharmaceutical Analytical Techniques” February-2018 at Modern College of Pharmacy, Yamunanagar, Nigdi.
- Attended Savitribai Phule Pune University sponsored state level seminar on “Novel Approaches in Natural Products Research”, February-2018 at Modern College of Pharmacy
- Attended Savitribai Phule Pune University sponsored national level seminar on “Pharmaceutical Innovation and Intellectual Property Rights”, February 2018, Modern College of Pharmacy.
- M.C.E Society’s-Two days state level workshop on “ Clinical Trials: Indian perspective,” sponsored by university of Pune & organized by M.C.E. society’s Allana College of Pharmacy, Pune 6th & 7th March 2009
- Sinhgad Institute of pharmacy-University of pune sponsored a seminar on “**Advances in Neurosciences: Pre clinical to clinical**” 11 Oct 08
- Smt. Kashibai Navale College of pharmacy, Kondhava-University of Pune sponsored one day seminar on reverse Pharmacology. Oct 16, 2008.
- Bharati Vidyapeeth University’s Medical College, Pune- CME: “Animal toxicity Testing” 3rd March 2009.
- Attended University of Pune sponsored two days state level workshop on “Intellectual Property Rights-Indian Pharmaceutical Perspective” on 23 and 24th Feb, 2010 at Maharashtra Institute of Pharmacy, Pune.

- Attended two days state level workshop on “Emerging Trends in Neurological Disorders” on 17-18 January, 2011 at Sinhgad College of Pharmacy, Narhe, Pune.
- Attended three days University of Pune national level conference on “Recent Trends and current scenario in drug development process” on 5-7 March, 2011 at Maharashtra institute of Pharmacy, Pune-38
- Attended one day IPA model lecture series in Pharmacology organized by Indian Pharmaceutical Association And Maharashtra Institute Of Pharmacy, Pune on 27 December 2011
- Attended in university of Pune sponsored one day local level conference on “trends in microwave synthesis” on 13 February 2012 and Advances in Biotechnology with Special Reference to Plant Tissue Culture organized by organized by Maharashtra Institute of Pharmacy, Pune, on 14 February, 2012.
- Attended three days national conference on “Trends in novel drug delivery system” organized by organized by Maharashtra Institute of Pharmacy, Pune, on 23-25 Feb, 2012

COMPUTER PROFICIENCY

- Knowledge of operating systems like WINDOWS 98/2003/2007, MS Office and Internet Literacy.
- Software knowledge of **INSTAT, GRAPHPAD PRISM, BIOPAC** etc.
- Maharashtra State Certificate in Information Technology [MS-CIT] with 83.00 % mark

INSTRUMENTS HANDLED

- Stereotaxy Apparatus, INCO, Ambala city.
- Elevated Plus Maze.
- Open field apparatus
- Morris water maze apparatus
- Flame photometer
- Fluorimeter
- Pole climb apparatus
- Rota rod apparatus
- Histamine chamber
- Electroconvulsometer.

- Tail flick apparatus, UGO BASILE, 37360.
- Digital Plethysmometer, UGO BASILE 7140.

PRACTICAL SKILLS

- Olfactory Bulbectomy
- Ovariectomy
- Laprotomy
- Necropsy of animals
- ICV drug administration
- Cannulation of jugular vein & carotid artery
- Measurement of ECG in rats
- Kidney ligation for induction of hypertension in rats
- Withdrawal of blood retroorbitally in rats
- Experiments on intact animals, isolated tissues of rat and mice
- Anti-ulcer study
- Hemorrhoid induction

LIST OF PUBLICATIONS IN JOURNAL

1. **Padmaja Kalshetti, Urmila Aswar, Subhash Bodhankar, Arulmozhi Sinnathambi, V. Mohan, Prasad Thakurdesai.** Antidepressant effects of standardized extract of *Centella asiatica* L in olfactory bulbectomy model. *Biomedicine & Aging Pathology*, Volume 2, Issue 2, Pages 48-53
2. **Urmila Aswar, Padmaja Kalshetti, Subhash Shelke, Sharad Bhosale, Subhash Bodhankar SL.** Effect of newly synthesized 1,2,4-triazino[5,6-b]indole-3-thione derivatives on olfactory bulbectomy induced depression in rats. *Asian Pacific Journal of Tropical Biomedicine*. 2012; 2(12):992-998.
3. **Padmaja Kalshetti, Ramesh Alluri and Prasad Arvind Thakurdesai.** Antidepressant effects of standardized extract of *Commiphora mukul* engl. In olfactory bulbectomized rats. *Brazilian archives of biology and technology*, vol.58, n.1: pp. 41-48, January-February 2015 (**Impact factor-0.546**)

4. **Padmaja Kalshetti**, Prasad Thakurdesai, Ramesh Alluri. Effect of Standardized Extract of *Commiphora Mukul* Engl. (*Burseraceae*) on Bulbectomy Induced Sexual and Immune Dysfunction in Rats. *Int. J. Pharm. Sci. Rev. Res.*, 33(1), July – August 2015; Article No. 13, Pages: 62-67. **(Impact factor-2.19)**
5. **Padmaja B. Kalshetti**, Ramesh Alluri, Vishwaraman Mohan, Prasad Arvind Thakurdesai. Effects of 4-hydroxyisoleucine from Fenugreek Seeds on Depression-like Behavior in Socially Isolated Olfactory Bulbectomized Rats. *Pharmacogn. Mag.* pm_237_15R6. (Issue yet to get online) **(Impact factor-1.525)**
6. **Padmaja Kalshetti**, Prasad Thakurdesai, Ramesh Alluri. Antidepressant and Anti-Anxiety Effect of Ellagic Acid from *Punica granatum* L. Rind in Olfactory Bulbectomy Model in Rats. *Int. J. Pharm. Sci. Rev. Res.*, 34(1), September – October 2015; Article No. 32, Pages: 197-204. **(Impact factor-2.19) – Best paper award by ICSCCB-2015.**
7. **Padmaja Kalshetti**, Prasad Thakurdesai, Ramesh Alluri. Evaluation of Antidepressant Activity of Hydroalcoholic Extract of *Commiphora Mukul* (Engl.), *Burseraceae* in Mice. *Journal of Current Pharma Research* 5 (1), 2014, 1343-1350.
8. **Padmaja Kore**, Amarjeet Virk, Arti Peste. Evaluation of *in vitro* anthelmintic potential of quercetin against *Pheretima posthuma*. *Journal of Pharmacy Research*, 2018, 12(7), 1-3.

LIST OF REVIEW ARTICLE

1. Mangesh Londhe, Padmaja S. Kore. A review on genetically altered transgenic animals. **Journal of Pharmacy Research**, 12(7), 2018.
2. **Padmaja Kalshetti**, Prasad Thakurdesai, Ramesh Alluri. A Review on Bioactive Phytoconstituents and Pharmacological Uses of *Commiphora mukul*. *Journal of Current Pharma Research*, 5(1), 2014, 1392-1405. **(Impact factor-1.048)**
3. **Padmaja Kalshetti**, Prasad Thakurdesai, Ramesh Alluri. A Review on Bioactive Phytoconstituents and Pharmacological Uses of *Punica granatum*. *Journal of Current Pharma Research*, 5(4), 2015, 1607-1614.
4. **Padmaja Kalshetti**, Prasad Thakurdesai, Ramesh Alluri. A Review on Bioactive Phytoconstituents and Pharmacological Uses of *Fenugreek*. *Journal of Current Pharma Research* 5 (4), 2015, 1591-1599.

5. **Padmaja Kore**, Vaishali Rai. A review on Recent Advances in Cancer Chemotherapy. *International Journal of Scientific Research and Reviews*, 2018, 7(2), 713-728.
6. **Padmaja Kore**, Reshma Nehere. A systematic review on animal models of suicide and trait related behaviour. *International Journal of Pharmacy and Biological Sciences*, 2018, 7(2), 468-474.
7. **Padmaja Santosh Kore**, Subhash Mishra. A systematic review on pharmacology of serotonergic receptors including their agonist and antagonist. *Journal of Pharmacy Research*, 2018, 12(6), 808-815.

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Padmaja Kalshetti, Prasad Thakurdesai, Ramesh Alluri. Antidepressant and Anti-Anxiety Effect of Ellagic Acid from *Punica granatum* L. Rind in Olfactory Bulbectomy Model in Rats. *Int. J. Pharm. Sci. Rev. Res.*, 34(1), September – October 2015; Article No. 32, Pages: 197-204. (**Impact factor-2.19**) – **Best paper award by ICSCCB-2015.**

POSTER PRESENTATION IN CONFERENCES

Padmaja Kalshetti, Prasad Thakurdesai, Ramesh Alluri. Evaluation of antidepressant activity of *Punica Granatum* L. Rind in olfactory bulbectomy induced sexual dysfunction in rats. Poster presented at APTI-2014 at Balewadi stadium. Poster no- PD-32.

AWARDS AND ACHIEVEMENTS

- Received a best paper award at ICSCCB-2015, an international conference held at Pune. (Title of the research paper: Antidepressant and Anti-Anxiety Effect of Ellagic Acid from *Punica granatum* L. Rind in Olfactory Bulbectomy Model in Rats.)
- Received, a best paper award at IPSCON-2013, Bangalore. (Title of research paper: Evaluation of standardized extract of *Centella asiatica* leaves on suicidal behavior-related traits in laboratory rats)

STRENGTHS

- Effective teaching with good class control.
- Ability to deal with industrial projects.
- Ability to work as a member of team.

PERSONAL DETAILS

- Father's Name: Mr. Bhimashankar Somanna Kalshetti
- DOB : 22 Aug 1986
- Marital Status : Married
- Nationality : Indian
- Gender : Female
- Language known: Marathi, English, Hindi, Kannada
- Hobbies: Listening music, Internet Surfing.