

## **CURRICULUM VITAE**

**Dr. Manoj K. Aswar**

M. Pharm, Ph.D

(Pharmacology)

**Address for correspondence**

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Pune- 411 041.

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### **Educational Qualification:**

- **B. Pharm.** Passed from S.N.I.O.P. Pusad, SGB Amravati University, Amravati in 1996
- **M. Pharm.** Passed from Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur in 2001.

#### **M. Pharm Project Title**

"Role of some bioactive peptides in the regulation of glucagon secretion from rat pancreas: *in vitro* studies using immunocytochemistry"

Guide: Dr. N. K. Subhedar, Msc. PhD.

#### ➤ **Ph. D**

Completed Ph. D from Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon

#### **Ph. D Project Title**

"Pharmacological evaluation of Sinapic acid and Ferulic acid on experimental neuropathy in Laboratory Animals".

Guide: Dr. V. R. Patil, M. Pharm, Ph.D.

**Approved PG. Guide (Pharmacology):** BUTR/Pharma/1483-69 dated: 30/04/2012

### **Techniques Known**

- Surgical Induction of Neuropathy in rats
- Microtomy
- Immunocytochemistry
- Fluorescence microscopy
- Immunofluorescence
- Cannulation of Carotid artery and Jugular vein
- ICV administration of drugs

## Experience

<b>Diploma: 02 years</b>	<b>Degree: 20 years</b>
<b>Total=22 years</b>	

- Worked as Lecturer at Institute of Pharmacy, Darwha, Dist Yavatmal (Diploma) from September 1996 to April 1997 (07 months)
- Worked as Lecturer at SCSMSS Institute of Pharmacy, Maregaon, Dist Yavatmal (Diploma) from August 1997 to August 1999 (02 years 01 month)
- Worked as a Lecturer at PW College of Pharmacy (Degree), Yavatmal from Sept 2001 to April 2002 (07 months)
- Worked as a Lecturer and Sr. Lecturer at VNS Institute of Pharmacy, Bhopal from April 2002 to March 2006. (04 Years)
- Worked as Assistant Professor at Bhalchandra College of Pharmacy, Pune from April 2006 to May 2007. (01 year 01 month)
- Worked as Assistant Professor and **Head of Department** of Pharmacology at Sinhgad Institute of Pharmacy, Narhe, Pune from June 2007 to 30<sup>th</sup> June 2019. (Univ of Pune Approval No: CCO/158 dated 17/10/2007) (12 years).
- Assistant Professor and **HOD of Pharmacology** at Vishwakarma University's School of Pharmacy, Pune from 1<sup>st</sup> July 2019 to 30<sup>th</sup> November 2019.
- Visiting Professor at Bombay College of Pharmacy, Mumbai from 7<sup>th</sup> June 2021 to till date

## Active Participation

- 19<sup>th</sup> conference of Indian Pharmaceutical Graduate Association organized by Maharashtra State Branch at Department of Pharmaceutical Sciences, Nagpur from 25<sup>th</sup> to 26<sup>th</sup> Feb. 2000.
- National conference on Endocrinology organized by Department of Zoology at St. Xavier's College, Ranchi from 1<sup>st</sup> to 3<sup>rd</sup> Sept 2000.
- Participated in Staff Development Programme at VNS Institute of Pharmacy, Bhopal from 14 - 28<sup>th</sup> January 2004.
- Participated in One Day Seminar on "*Indian Patents and IPR in Pharma Industry- Current Scenario*" held at Sinhgad College of Pharmacy Pune on 23 August 2006
- Participated in Two Day Workshop on "*Experimental Pharmacology*" held at MGV's Institute of Pharmacy, Nashik on 26 and 27 March 2007.
- Three days 12<sup>th</sup> APTI, National Convention Chandigarh, (Punjab) 25<sup>th</sup> –27<sup>th</sup> Oct 2007.
- Participated in One Day Seminar on "*Recent trends in Diabetes Research: Laboratory to Clinic*" at Sinhgad College of Pharmacy, Vadgaon (Bk), Pune on 24<sup>th</sup> November 2007.
- Participated in Four Days National Seminar on "*Proteomics and Genomics in Diabetes and Therapeutic Intervention*" at Sinhgad Institute of Pharmacy, Narhe, Pune on 2-5<sup>th</sup> February 2008
- Coordinated One Day Workshop on Experimental Pharmacology at Sinhgad Institute of

Pharmacy, Narhe, Pune on 27<sup>th</sup> July 2008 Participated in Two Days Seminar on “*Microwave assisted Heating Technology in Pharmaceutical Sciences*” at Sinhgad Institute of Pharmacy, Narhe, Pune on 17 and 18<sup>th</sup> August 2008.

- Participated in Two Days Seminar on “*Probiotics and Prebiotics in Drug Delivery System*” at Sinhgad Institute of Pharmacy, Narhe, Pune on 19<sup>th</sup> and 20<sup>th</sup> August 2008
- Coordinated Three Days State level Seminar on “*Advances in Neurosciences: Pre-clinical to clinical*” at Sinhgad Institute of Pharmacy, Narhe, Pune from 11-13 October 2008
- Two Days Regional Research Conference for College Teachers organized by BCUD, University of Pune, Pune at SGRS College of Pharmacy, Saswad on 21-22<sup>nd</sup> November 2008
- Participated in International Herbal Conference at Bangalore from 25-27<sup>th</sup> February 2009
- Participated in One Day Seminar on Powerlab at Bharati Vidyapeeth’s Poona College of Pharmacy, Pune on 12<sup>th</sup> November 2009.
- Two Days Regional Research Conference for College Teachers organized by BCUD, University of Pune, Pune at SGRS College of Pharmacy, Saswad on 5-6<sup>th</sup> January 2010
- Two Days State level Seminar at SIPS, Lonavala from 9-10 January 2010
- One Day State level Seminar at SKNCOP, Kondhwa on 15<sup>th</sup> January 2010
- Three Days National level seminar at Sinhgad Institute of Pharmacy, Narhe, Pune from 15-17<sup>th</sup> February 2010
- Two Days State level seminar at Sinhgad Institute of Pharmacy, Narhe, Pune from 18-19<sup>th</sup> February 2010
- One day Workshop of CPCSEA organized by Government of India, Pune on 22<sup>nd</sup> February 2010
- One day International Conference on Powerlab at Poona College of Pharmacy, Pune on 10<sup>th</sup> September 2011
- One day Workshop on Teachers Approval and College affiliation at University of Pune, Pune on 23<sup>rd</sup> September 2011.
- Two Days State Level Seminar at Sinhgad Institute of Pharmacy, Narhe, Pune on 21-22<sup>nd</sup> February 2012.
- Three Days National Seminar at Sinhgad Institute of Pharmacy, Narhe, Pune on 23-25<sup>nd</sup> February 2012.
- Active participation in three days International conference of Indian Pharmacological Society “IPSCON 2012” held at SKB College of Pharmacy, Nagpur.(5-7<sup>th</sup> January 2013)
- Coordinated One Day Workshop on Experimental Pharmacology at Sinhgad Institute of Pharmacy, Narhe, Pune on 2<sup>nd</sup> March 2013

- One day State level seminar on “Perspectives and challenges in implementation of credit system in the curriculum of UoP at PG level” held at SCOP, Vadgaon, Pune (19<sup>th</sup> March 2013)
- Active participation in three days International Conference of Indian Pharmacological Society “IPSCON 2013” held at Bengaluru, Karnataka (16-18<sup>th</sup> December 2013).
- Participated in three days (APTICON-2014) held at Pune, (28-30<sup>th</sup> November 2014)
- Participated in three days National Conference of Indian Pharmacological Society “IPSCON 2014” held at Guwahati, Assam (28-30<sup>th</sup> December 2014).
- Participated at International Conference of Ethnopharmacology (SFEC-2014) held at Nagpur (20-22 February 2015).
- Participated in three days International Conference of Indian Pharmacological Society “IPSCON 2015” held at Rajkot, Gujarat (18-20<sup>th</sup> December 2015).
- One day International Conference on Advances in Asian Medicine, organized by Society for Ethnopharmacology, Pune, India (SFE-India) (4<sup>th</sup> January 2016).
- One week training programme for CPCSEA Nominee held between 10<sup>th</sup> -14<sup>th</sup> October 2016 at NIAW, Ministry of Environment, Forests and Climate Change, GOI, Ballabhgarh, Faridabad, Haryana.
- Coordinated Two Day BCUD, SPPU sponsored National Level Seminar on “Drug Discovery through Enhanced Drug Targeting” Sinhgad Institute of Pharmacy, Narhe, Pune from 02-03 January 2017.
- Participated in three days International Conference of Indian Pharmacological Society “IPSCON 2017” held at Mumbai, Maharashtra (15-17<sup>th</sup> February 2018).
- Co-ordinated one day hands-on workshop for the participants of IBRO School entitled “Recent advances in tools and techniques in neuroscience research” on 30<sup>th</sup> March 2018.

## Publications

Publications: 24 (06 National and 18 International)
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1. Urmila Aswar, **Manoj Aswar**, Subhash L Bodhankar and Prasad A Thakurdesai. (2006). Effect of *Mucuna pruriens* on haloperidol induced sensitization of catalepsy. *Pharmacologyonline* 2:356-362.
2. **Manoj Aswar**, Urmila Aswar, Bhagyashri Watkar, Meenakshi Vyas, Akshay Wagh, Kishor Gujar (2008). “Anthelmintic activity of *Ficus benghalensis*” International Journal of Green Pharmacy July-Sept 2008, Vol: pp-184.
3. **Manoj Aswar**, Urmila Aswar, Bhagyashri Watkar, Meenakshi Vyas, Akshay Wagh, Kishor Gujar (2008). Antimicrobial activity of *Ficus benghalensis*. *Pharmacologyonline*, 2:715-725.
4. **Manoj Aswar**, Urmila Aswar Nishikant Subhedar (2010). Glucagon secreting cells responds to Insulin secretion in vitro using immunocytochemistry. *Journal of Young Pharmacist* Vol. 2 (2), 144-147.

5. **Manoj Aswar** and Rujuta Joshi (2010). Anti cataleptic activity of various extracts of *Ocimum sanctum*. *International Journal of Pharma. Research and Development* Vol.2 (6)/Aug/015/1-7.
6. Abhijeet Bidkar, Mudreka Ghadiali, Chirag Patel, **Manoj Aswar**, Deepa Sanghai, Pallavi Adate (2012). Anthelmintic Activities of the Crude Extracts of *Allium cepa* Bulbs and *Elletatria cardomomum* Seeds. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. January – March **3** (1) 50.
7. Anuj Shrungarkar, Abhijeet Bidkar, **Manoj Aswar** (2011). Phytochemical investigations and Pharmacological evaluation of various extracts of seeds of *Brassica campestris* (Linn). *International Journal of Pharmacology and Biological Sciences*. Vol. 5(3), 27-31.
8. Tanay G.Athawale, Abhijeet A. Bidkar, Kishore N. Gujar, **Manoj K. Aswar** (2012). Anxiolytic like effects of leaves extract of *Vitex Negundo* (L) in Elevated plus Maze Test. *Journal of Natural Product*. Vol 12 (2), 141-150.
9. Rahigude A , Bhutada P, Kaulaskar S, **Aswar M**, Otari K. (2012). Participation of antioxidant and cholinergic system in protective effect of Naringenin against type-2 diabetes induced memory dysfunction in rats. *Neuroscience*. vol. 226 December 13, 62-72 (**Impact Factor: 3.59**)
10. Dipti Ranka, **Manoj Aswar**, Urmila Aswar & Subhash Bodhankar (2013). Diuretic potential of aqueous extract of roots of *Solanum xanthocarpum* Schrad & Wendl, a preliminary study. *Indian Journal of Experimental Biology*, vol.51 October, 833-839 (**Impact Factor: 1.195**).
11. Urmila Aswar, Umesh Mahajan, Geetanjali Nerurkar, **Manoj Aswar** (2013). Amelioration of cardiac hypertrophy induced by abdominal aortic banding in ferulic acid treated rats. *Biomedicine & Aging Pathology*, (3), 209–217.
12. **Manoj Aswar**, Prasad Kute, Snehal Mahajan, Umesh Mahajan, Geetanjali Nerurkar, Urmila Aswar (2014). Protective effect of hesperetin in rat model of partial sciatic nerve ligation induced painful neuropathic pain: an evidence of anti-inflammatory and anti-oxidative activity. *Pharmacology, Biochemistry and Behavior* 124 (2014) 101–107. (**Impact Factor: 3.533**).
13. Urmila Aswar, Mayuri Gurav, Ganesh More, Khaled Rashed, **Manoj Aswar**. Effect of aqueous extract of *Solanum xanthocarpum* Schrad. & Wendl. on postmenopausal syndrome in ovariectomized rats. *Journal of Integrative Medicine* September 2014, Vol.12, No.5, 439-446. (**Impact Factor 3.034**)
14. Urmila Aswar, Sumit Shintre, Shilpa Chepurwar, and **Manoj Aswar**. Antiallergic effect of piperine on ovalbumin-induced allergic rhinitis in mice (2015). *Pharmaceutical Biology* Apr 14:1-9. (**Impact Factor: 2.971**)
15. **Manoj Aswar**, Vijay Patil. Ferulic acid ameliorates chronic constriction injury induced painful neuropathy in rats (2016). *Inflammapharmacology* 24:181-188. (**Impact Factor: 4.473**).

16. **Manoj Aswar**, Vijay Patil. A Systematic Review on Neuropathy. (2016). *International Journal of Drug Development and Research*. 8 (2) 29-34. (**Impact Factor: 1.95**)
17. Bhalekar MR, Madgulkar AR, **Aswar M**, Mariam G and Desale P. A Comparative Study of Oral and Topical Administration of Hesperidin Lipid Nanoparticles in Rheumatoid Arthritis (2016). *Austin Arthritis Volume 1 Issue 2*, 1-9.
18. Urmila Aswar, Shilpa Chepurwar, Sumit Shintre, **Manoj Aswar**. Telmisartan attenuates diabetes induced depression in rats (2016). *Pharmacological Report*. 9<sup>th</sup> December 2016. (**Impact Factor 3.426**).
19. Vishnu N. Thakare, **Manoj K. Aswar**, Yogesh P. Kulkarni, Rajesh R. Patil, Bhoomika M. Patel. Silymarin ameliorates experimentally induced depressive like behavior in rats: Involvement of hippocampal BDNF signaling, inflammatory cytokines and oxidative stress response (2017). *Physiology & Behavior* 179, 401-410. (**Impact Factor: 3.244**).
20. Vishnu N Thakare, Rajesh R Patil, Rajesh J Oswal, Valmik D Dhakane, **Manoj K Aswar** and Bhoomika M Patel. Therapeutic potential of silymarin in chronic unpredictable mild stress induced depressive-like behavior in mice (2018). *Journal of Psychopharmacology* (**Impact Factor: 5.160**).
21. Urmila Aswar, Umesh Mahajan, Amit Kandhare, **Manoj Aswar**. Ferulic acid ameliorates doxorubicin-induced cardiac toxicity in rats (2019). *Naunyn-Schmiedeberg's Archives of Pharmacology Jun*; 392 (6): 659-668. (**Impact Factor: 3.0**).
22. **Manoj Aswar**, Mangesh Bhalekar, Akshata Trimukhe, Urmila Aswar. Self-microemulsifying drug delivery system (SMEDDS) of curcumin attenuates depression in olfactory bulbectomized rats (2020). *Heliyon*; Aug; 6(8): e04482. **Impact Factor: 2.85**).
23. **Manoj Aswar**, Utkarsha Deshpande, Urmila Aswar. Galactomannan restore letrozole induced Polycystic Ovarian Syndrome (PCOS) in rat model (2021). *American Journal of Pharmacology and Toxicology*; 16, 25-32.
24. Urmila Aswar, Hrudaya Shende, **Manoj Aswar**. Buspirone, a 5-HT<sub>1A</sub> agonist attenuates social isolation-induced behavior deficits in rats: a comparative study with fluoxetine (2022). *Behavioral Pharmacology*; April 2022, 33. (Impact factor: 2.293).

## **Presentations**

Presentations: 36 (21 National and 15 International)
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- 1 Akshata Trimukhe, Vijay Patil, **Manoj Aswar**. Poster presentation on “Pharmacological evaluation of sinapic acid on chemotherapeutic drug induced neuropathy in laboratory animals” at IPSCON-2017 held at NMIMS, Mumbai (15-17<sup>th</sup> February 2018).
- 2 Kamlesh Warokar, Vijay Patil, **Manoj Aswar**. Poster presentation on “Evaluation of ferulic acid on chemotherapeutic drug induced neuropathy in laboratory animals” at

IPSCON-2017 held at NMIMS, Mumbai (15-17<sup>th</sup> February 2018).

- 3 Akash Singh, Surhud Kale, Urmila Aswar, **Manoj Aswar**. Poster presentation on “Evaluation of analgesic, anti-inflammatory and antipyretic potential of fruit extract of *Withania coagulans* in experimental animals” at IPSCON-2017 held at NMIMS, Mumbai (15-17<sup>th</sup> February 2018).
- 4 Nanekar SH, Deshpande UD, Aswar UM, Thakurdesai PA, **Aswar MK**. Pharmacological evaluation of galactomannan on letrozole induced Polycystic Ovarian Syndrome (PCOS) in female rats. at IPSCON-2017 held at NMIMS, Mumbai (15-17<sup>th</sup> February 2018).
- 5 **Manoj Aswar** and Urmila Aswar. Oral presentation on “An adjunct to attenuate Levodopa Induced Dyskinesia” at “Innovation-2017” held at SKNCOP on 18<sup>th</sup> November 2017 (BCUD Project).
- 6 Utkarsha Deshpande, **Manoj Aswar**, Vijay Patil. Poster presentation at IPSCON-2016, Chandigarh, Punjab (20-23 October 2016).
- 7 **Manoj Aswar**, Vinay Yanna, Urmila Aswar, Prasad Thakurdesai et al. Poster Presentation at IPSCON-2015, Rajkot, Gujarat (18-20 December 2015) (**Dandiya Award**)
- 8 **Manoj Aswar**, Urmila Aswar, Prasad Thakurdesai et al. Poster Presentation at IPSCON-2015, Rajkot, Gujarat (18-20 December 2015)
- 9 **Manoj Aswar**, VR Patil. Oral presentation at SFEC-2015 held at Nagpur (20-22 February 2015)
- 10 **Manoj Aswar**, VR Patil. Poster Presentation at IPSCON-2014 held at Guwahati (28-30<sup>th</sup> December 2014)
- 11 Juned Maniyar, Dynyaneshwar Rathod, Sagar Doshi, **Manoj Aswar**. Phytoestrogen: From bench to bedside. Poster Presentation at IPSCON-2014 held at Guwahati (28-30<sup>th</sup> December 2014)
- 12 Ajinkya Khawade, Vinay Yanna, Ravi Narawade, **Manoj Aswar**. Levodopa Induced Dyskinesia. Poster Presentation at IPSCON-2014 held at Guwahati (28-30<sup>th</sup> December 2014)
- 13 **Manoj Aswar**, Piyush Upadhyay, Amit Kandhare, Subhash Bodhankar, V. Mohan, Prasad Thakurdesai. Poster presentation at 2nd International Conference on Herbal and Synthetic Drug Studies, HSDS-2014, (10 -12<sup>th</sup> Feb 2014).
- 14 Prasad Kute, Shilpa Chepurwar, Urmila Aswar, **Manoj Aswar**. Poster presentation at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on “*Translational Pharmacology*” held at NIMHANS, Bengaluru, Karnataka on 16-18 December 2013. (NEU/PP-67)

- 15 Ajinkya Khawade, Ganesh More, Urmila Aswar, **Manoj Aswar**. Poster presentation at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Translational Pharmacology*" held at NIMHANS, Bengaluru, Karnataka on 16-18 December 2013. (NEU/PP-94)
- 16 Aakash Jadhav, Deepali Patil, Urmila Aswar, **Manoj Aswar**. Poster presentation at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Translational Pharmacology*" held at NIMHANS, Bengaluru, Karnataka on 16-18 December 2013. (NEU/PP-34)
- 17 Umesh Mahajan, Geetanjali Nerurkar, Urmila Aswar, **Manoj Aswar**. Poster presentation at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Translational Pharmacology*" held at NIMHANS, Bengaluru, Karnataka on 16-18 December 2013. (CVS/PP-18)
- 18 Shilpa Chepurwar, Sumit Shintre, **Manoj Aswar**, Urmila Aswar. Oral presentation for G- Achari Award 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Translational Pharmacology*" held at NIMHANS, Bengaluru, Karnataka on 16-18 December 2013. (PZA-7) prestigious
- 19 Geetanjali Nerurkar, Umesh Mahajan, **Manoj Aswar**, Urmila Aswar. Oral presentation for O. D. Gulati Award 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Translational Pharmacology*" held at NIMHANS, Bengaluru, Karnataka on 16-18 December 2013. (PZO-4, **Winner of Gulati award**)
- 20 Prasad Kute, Snehal Mahajan, Piyush Upadhyay, **Manoj Aswar**. Poster presentation 45<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Navigating Pharmacology towards safe and Effective Therapy*" held at SKB College of Pharmacy, Kamptee, Nagpur on 5-7<sup>th</sup> January 2013. (Neu-20)
- 21 Snehal Mahajan, Rupali Chavan, Prasad Kute, **Manoj Aswar**. Poster presentation 45<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Navigating Pharmacology towards safe and Effective Therapy*" held at SKB College of Pharmacy, Kamptee, Nagpur on 5-7<sup>th</sup> January 2013. (Neu-23)
- 22 Pratishtha Akkanwru, Mithun Jain, Archana Nale, **Manoj Aswar**. Poster presentation 45<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Navigating Pharmacology towards safe and Effective Therapy*" held at SKB College of Pharmacy, Kamptee, Nagpur on 5-7<sup>th</sup> January 2013. (Neu-28)
- 23 Geetanjali Nerurkar, Jaya Mhalankar, Urmila Aswar, **Manoj Aswar**. Poster presentation 45<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference on "*Navigating Pharmacology towards safe and Effective Therapy*" held at SKB College of Pharmacy, Kamptee, Nagpur on 5-7<sup>th</sup> January 2013. (AIN-18)
- 24 **Manoj Aswar** and Sushil Suryawanshi. Poster presentation at National Conference held at Indira College of Pharmacy, Pune in February 2010.
- 25 **Manoj Aswar**. Oral presentation at Innovation 2009 organized by BCUD, University of Pune, Pune held at SGRS College of Pharmacy, Saswad in January 2010.



- 26 **Manoj Aswar** and Rujuta Joshi. Anti-cataleptic activity of various extracts of *Ocimum sanctum*. Poster presentation at “Avishkar 2009” organized by University of Pune on Dec. 2009
- 27 **Manoj Aswar** and Mrugen Patel. Anthelmintic activity of *Murraya koenigi*. Poster presentation at “Avishkar 2009” organized by University of Pune on Dec. 2009
- 28 Jitendra Bhangale, Subhash Bodhankar, Urmila Aswar, **Manoj Aswar**, Shreyas Bhawe. Analgesic, anti-inflammatory and anti-arthritic activity of *Cynodon dactylon*. Poster presentation at Society for Biological Chemist (India) conference held at NCCS, Pune on October 30<sup>th</sup> and November 1<sup>st</sup> 2009.
- 29 Bidkar AA, **Aswar MK**, Deshpande AA, Gujar KN. Anti-histaminic & Anti-cholinergic activity of *Calotropis Procera* using Goat Tracheal Chain. Poster presentation at International Herbal Conference held at Bangalore in February 2009
- 30 Bhawe SA, **Aswar MK**, Bidkar AA, Agharkar AS, Mittal J, Kulkarni PK. Antihistaminic activity of *Cynodon dactylon* using Goat Tracheal Chain. Poster presentation at National level Poster competition at RD College of Pharmacy, Bhore in January 2009.
- 31 **Aswar MK**. Anti-convulsant activity of *Commiphora mukul*. Poster presentation at “Innovation 2008” at SGRS Saswad under BCUD, University of Pune, Pune r 2008
- 32 Bagul US, Miniya PB, Bidkar AA, Gujar KN, **Aswar MK**. Role of Pharmacist in HIV/AIDS. Poster presentation at 12<sup>th</sup> APTI National convention at Punjab University, Chandigarh in October 2007.
- 33 **Aswar MK**, Miniya PB, Bagul US, Bidkar AA, Gujar KN, Subhedar NK. “Glucagon secreting cells responds to Insulin treatment *in vitro* using immunocytochemistry”. (2007). Poster presentation at 12<sup>th</sup> APTI National convention at Punjab University, Chandigarh in October 2007.
- 34 **Aswar MK**, Aswar UM, Yadav SK. "Comparative antianxiety studies of some marketed polyherbal formulations" Poster presentation at 10<sup>th</sup> National Convention of APTI held at Nagpur in October 2005.
- 35 **Aswar MK**, Aswar UM, Yadav SK. "To study the effect of *Mucuna pruriens* on Haloperidol induced sensitization of catalepsy" Poster presentation at 10<sup>th</sup> National Convention of APTI held at Nagpur in October 2005.
- 36 **Aswar MK.**, Sakharkar A. J and Subhedar N.K. Glucagon secreting cells respond to somatostatin treatment *in vitro*. Poster presentation at National Conference on Endocrinology, Ranchi in September 2000.

#### **Projects undertaken:**

- Principal Investigator on the BCUD, University of Pune sponsored project entitled “Phytochemical investigation and anti-convulsant activity of *Commiphora mukul* (Gum Guggul)”

- Principal Investigator for Effect of IBHB on Levodopa Induced Dyskinesia in Laboratory Animals. (Industrial Project)
- Principal Investigator for Effect of IBHB on rotenone induced Parkinson's model in Laboratory Animals (Industrial Project)
- Principal Investigator for Effect of INDCA on Effect of INDCA on cognitive impairment in Chronic Mild Stress (CMS) model in Wistar rats (Industrial Project)
- Co-PI for Anti-Parkinson activity of Sinapic and Ferulic acid (BCUD).
- Co-PI for An adjuvant to treat Levodopa induced Dyskinesia (BCUD).

#### **Awards/Recognition:**

- **Invited Resource Person** during STEP-2.0, a three-day workshop in advanced pharmacological and experimental techniques at RC Patel College of Pharmacy, Shirpur, Dhule on Saturday 28<sup>th</sup> September 2019.
- **Award for Excellence in Pharmacology** by Venus International Healthcare Awards (VIHA) during 2<sup>nd</sup> Annual Healthcare meet, AHM-2019 held at at Green Park, Chennai City, India on 21<sup>st</sup> September 2019.
- **P. C. Dandiya Award 2015** for Best Poster presentation on “Asiaticoside (INDCA) ameliorates cognitive impairment in Chronic Mild Stress (CMS) model in Wistar rats” at IPSCON-2015, Rajkot, Gujarat.
- Received **best poster award** at ICMR and IPS sponsored -First Annual Central Zone National Conference on Innovation in Alternative to Animal Experimentation from Drug Discovery to Drug Delivery - 21-22 August, 2015 (Co-author)
- 7<sup>th</sup> Indira Pharma Zeal 2015 **for Best Poster at Pharma Zeal National level Poster competition** (Co-author)
- **P. C. Dandiya Award 2013** for Best Poster presentation on at IPSCON-2013, Bengaluru, Karnataka. (16-18 December 2013) (Co-author)
- **Prof. O.D.Gulati Award ‘Ghrelin Alleviates Doxorubicin Induced Cardiac Toxicity in Rats’ IPSCON-2013** Bangalore, PZO-4, (S9) (Co-author).

#### **Reviewer for Scientific Journals**

- Indian Journal of Pharmacology
- Letters in Drug Design & Discovery
- American Journal of Clinical and Experimental Medicine
- International Journal of Physical Medicine & Rehabilitation.

#### **Professional Body membership**

1. APTI: MA/LM/1324
2. IPS: IPS/LM-367 dated 28/12/2014
3. International Stress and Behavior Society (ISBS)
4. MSPC Pharmacist Registration: 46521 (Dated 04/07/1998)

**Reference:**

1. Dr. N. K. Subhedar  
Professor  
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2. Dr. V. R. Patil  
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**Dr. Manoj K Aswar**