

## CURRICULUM VITAE

**Dr. Naveen Babu Kilaru M.Pharm, Ph.D.**

Professor,  
KVSR Siddhartha college of Pharmaceutical  
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### PERSONAL INFORMATION

Date of Birth : 21<sup>st</sup> February 1972

Gender : Male

Nationality : Indian

Marital Status : Married

Permanent Address : K.Naveen Babu  
Door No.: 54-18-13, Plot No.: 73  
3<sup>rd</sup> Line LIC Colony,  
Vijayawada  
Krishna (Dist)- 520008  
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### Academics

Degree	Subjects	Performance	Year of completion	Institute/University
M.Pharm.	Pharmaceutical- Biotechnology	First Class	1999	Andhra university, Visakhapatnam
Ph.D	Biotechnology	Awarded 2006	Submitted 2005	Central Food Technological Research Institute Mysore University

## Work experience

- ❖ Analytical Chemist in Knoll Pharmaceuticals Pvt Ltd, Jejuri, Maharashtra from January 1996 to October 1997
- ❖ Lecturer in Vishwa Bharathi College of Pharmaceutical Sciences, Brindhavan Gardens, Guntur, Andhra Pradesh from January 2000 to May 2001.
- ❖ Senior Research Fellow in Fermentation Technology and Bioengineering Department at Central Food Technological Research Institute, Mysore from June 2001 to August 2005.
- ❖ Senior Research Officer in Natural Remedies Private Limited from October 2005 to July 2007.
- ❖ Associate Professor & Principal in Sree College of Pharmacy from August 2007 to May 2009.
- ❖ Professor & Principal in Sree College of Pharmacy from June 2009 to June 2010
- ❖ Working as Professor in KVSR Siddhartha college of Pharmaceutical Sciences from July 2010 till Date.

## Achievements:

### PRODUCT PATENTS FILED IN DIFFERENT COUNTRIES

1. Sattur, Avinash Prahalad; **Babu Kilaru Naveen**; Rao Lingamallu Jagan Mohan; Karanth, Naikanakatte Ganesh; An inhibitor compound and its isolation and method of treatment against pancreatic lipase for use as an anti- obesity agent (2009) **Patent Number: 20090163443**. (US PATENT NO US 7,737,146 B2, Date: Jun 15 2010)
2. Sattur, Avinash Prahalad; Rao, Kadiyala Chandrasekhar; **Babu Kilaru Naveen**; Soundar, Divakar; Karanth, Naikanakatte Ganesh; Tumkur, Ramachandraiah Shamala Aldose reductase inhibitor and pharmaceutically acceptable derivatives thereof of the formula below derived from cultures of *Aspergillus niger* CFR 1046 and useful as a rat lens aldose reductase inhibitor. **Patent Number: 20030134399**. (US PATENT NO: US 6,822,003 B2, Date: Nov 23 2004)

## **Patent Published**

1. Y.Narasimha Rao, **Naveen Babu K**, M. Prasada Rao, M. Srikanth Hepatoprotective activity of methanolic extract of Dalbergia lanceolaria stem against CCl<sub>4</sub> induced liver damage in rats. Application Number: 201941037152.
2. Bhavana Sujanamulk, Samoath Chinnam, Prashant Nahar, Preet Amol Singh, Neha Bajwa, Bhavesh D Kevadiya, Maneshwar Thippani, **Naveen Babu Kilaru**, Raja Lakshmi Chitamaneni, Sanjitha Sudhakar. In-vivo antifungal activity, spectrophotometric analysis and molecular characterization of Woodfordia fruticosa leaf against Candida isolates in patients with uncontrolled diabetes mellitus. Application Number: 202241000299.

## **Number of PhDs guided: 06**

1. Ph.D awarded to Mr. Avula Suman bearing the title “Rapid lipid chromatography UV detection method development & validation of multiclass drugs in active pharmaceutical ingredients & pharmaceutical dosage & applicability in biological matrices” in the Department of Biotechnology in Faculty of Natural Sciences by Acharya Nagarjuna University.
2. Ph.D awarded to Mr. Valluri Rajani Kumar thesis entitled “High throughput LCMS/MS methods for the determination of antiretroviral drugs in human plasma” in the Department of Biotechnology from Acharya Nagarjuna University
3. Ph.D awarded to Mr. Vishnu Pulavarthy “thesis entitled Design and evaluation of Gastroretentive Drug Delivery Systems of Anti-Hypertensives” in Faculty of Pharmaceutical Sciences from Jawaharlal Nehru Technologies University Hyderabad.
4. Ph.D awarded to B. Ravindra Babu thesis entitled “Development of controlled release dosage forms for drug to treat adverse conditions related to high blood pressure” in Faculty of Pharmaceutical Sciences from Acharya Nagarjuna University.
5. Ph.D awarded to Y. Narasimha Rao thesis entitled “Evaluation of hepatoprotective and antioxidant activities of selected medicinal plants” in Faculty of Pharmacy Krishna University.
6. Ph.D awarded to Kurra Palavi thesis entitled “Colon Targeting of Anti-cancer Drugs using Natural Excipients” in Faculty of Pharmacy Krishna University (2021)

## **PG Projects: 06**

## **Master of Science in Biotechnology Projects**

1. Master of Science in Biotechnology awarded to K Siva Prasad thesis entitled “Molecular characterization of vitellogenin receptor from the silk worm, *Bombyx mori*” to Center for Distance Learning, Gitam University, Visakhapatnam.
2. Master of Science in Biotechnology awarded to G Prasada Rao thesis entitled “Studies on the molecular characteristics of insect Vitellogenins and Vitellogenin receptors in Cotton pest, *Spodoptera litura*” to Center for Distance Learning, Gitam University, Visakhapatnam.

## **Pharm D Projects**

1. Snigdha Sree, N. Siddhartha and P. Siva Prasad entitled “An assessment of risk factors and medication adherence to AACE guidelines for the patients with diabetes mellitus in outpatient department of a tertiary care teaching hospital: A retrospective cross sectional study”
2. Potluri Sree Varsha, Chinnam Sri Varsha Reddy, Datla Prardhana Devi and Narra Uday Bhaskar (2015-16) entitled “Assessment of drug utilization pattern, medication adherence to JNC-7 guidelines and risk factors for hypertension in a south Indian tertiary care hospital”
3. Neruturi Krishna Nagendra Rao, Pinika Dhana Lakshmi, Ponna Roja and Pothuraju Mounika (2016-17) entitled “Prevalence and risk factors for development of diabetic complications in type 2 diabetes mellitus in a tertiary care setting”
4. Lavanya (2017-18) Assessment of drug utilization pattern, prevalence and risk factors for the development of diabetic complications in type 2 diabetes mellitus in a tertiary care hospital

### **Reviewer of Scientific Journals:**

- ✓ Phytotherapy Research
- ✓ Biomedical Chromatography
- ✓ Current Pharmaceutical Design
- ✓ Current Molecular Pharmacology
- ✓ Current Medicinal Chemistry
- ✓ Chemico-Biological Interactions
- ✓ Current Medicinal Chemistry
- ✓ Chinese Journal of Natural Medicines
- ✓ Iranian Journal of Basic Medical Sciences
- ✓ Current Pharmaceutical Biotechnology
- ✓ Journal of Analytical Science and Technology
- ✓ Journal of Chromatographic Science
- ✓ European Journal of Drug Metabolism and Pharmacokinetics
- ✓ Journal of Antimicrobial Chemotherapy
- ✓ Biomedical Chromatography

### **Book Chapter**

- Advances in Health & Diseases; Editor: Lowell T. Duncan, Chapter 8 on the topic entitled “Flood Borne Dysentery”, Publisher: Nova Biomedical 12<sup>th</sup> Volume, Nova Science Publishers (2019). ISBN: 978-1-53616-060-4
- Herbal Medicine A Benign & Conventional Medical System; Editor: Dr. Suresh Kumar Agarwal, Dr. Aruna Kumari Nakkela, Dr. Sadeep Rout, Chapter 16 on the topic entitled “Herbal Medicine-A Benign and Conventional Medical Systems, Publisher: Immortal Publications (2021). ISBN: 978-93-5445-167-6
- “Photobiological Reactors for the degradation of Harmful Compounds in Waste Waters” in Wiley Publications (2021).

## List of Publications:

1. Ellaiah P., Adinarayana. K., **Naveen Babu. K.**, Thaer. A., Srinivasulu. B., Prabhakar.T. (2002). Bioactive actinomycetes from marine sediments off Bay of Bengal near Machilipatnam. *Geobios* 29, 97-100. **SCIE, IF: 1.197**
2. Rao K.C.S., Divakar S., **Naveen Babu K.**, Rao A.G.A., Karanth N.G. & Sattur A.P. (2002) Nigerloxin, A Novel inhibitor of aldose and lipoxygenase with free radical scavenging activity *Aspergillus niger*. *Journal of Antibiotics* 55, 789-793. **SCIE, IF: 2.446**
3. Rao K.C.S., Divakar S., Srinivas M., **Naveen Babu K.**, Karanth N.G. & Sattur A.P. (2003) Asperaldin, a new aldose reductase inhibitor from *Aspergillus niger* CFR-1046. I. Fermentation, Isolation and Characterization. *Journal of Antibiotics* 56, 1–4. **SCIE, IF: 2.446**
4. Suman Avula, **K.Naveen Babu**, M.V Ramana (2010) Validated RP-HPLC method for the estimation of Olmesartan in formulation. *PHARMANEST-An International Journal of Advances in Pharmaceutical Sciences* 2(2-3), 251-256. ISSN:0976-3090.
5. Vishnu P, Ravindrababu B, Sudheer B, Shireesh Kiran R and **Naveen Babu K.** (2011) Influence of Various Super Disintegrating Agents on the Aceclofenac Fast Dissolving Tablets. *Research Journal of Pharmaceutical, Biological and Chemical Sciences* 2(2), 99-105. ISSN: 0975-8585
6. Vishnu P, Ravindrababu B, Sudheer B, Shireesh Kiran R and **Naveen Babu K.** (2011). Formulation and optimization of verapamil hydrochloride microcapsules. *International Journal of Pharmacy* 1(1)54-58. ISSN:2249-1848. UGC Approved
7. Suman Avula, **K.Naveen Babu**, MVRamana (2011) Validated RP-HPLC method for the estimation of Ribavirin in formulation. *International Journal of Research in Pharmaceutical and Biomedical Sciences* 2(2) 704-709. ISSN:2229-3701
8. Suman Avula, **K Naveen Babu**, MV Ramana (2011) Validated RP-HPLC method for the estimation of Oxubutynin in formulation. *Pharmacophore* 2(2), 156-162. ISSN: 2229-5402.

9. Suman Avula, **K Naveen Babu**, G Ratna Prasad, MV Ramana (2011) Development and validation of LC method for the estimation of Deferasirox in pharmaceutical dosage forms. *IJPI'S Journal of Analytical Chemistry* 1(4), 16-22. ISSN: 2229-6867.
10. Suman Avula, **K Naveen Babu**, KRS Sambasiva Rao (2011) Development and validation of LC-method for the estimation of pioglitazone in Pharmaceutical dosage form and plasma in vitro conditions. *International Journal of Science Innovations and Discoveries*, 1 (1), 62-74. ISSN: 2249-5347
11. Suman Avula, **Naveen Babu Kilaru**, Gogineni Ratna Prasad, MV Ramana (2011). Development and validation of LC method for the estimation of disopyramide in pharmaceutical dosage form. *International Journal of Research Pharmacy and chemistry*, 1(1), 29-32.
12. Suman Avula, **K. Naveen Babu** (2011) Development and validation of LC method for the analysis of Metoclopramide in pharmaceutical dosage form and plasma. *International Journal of Research and Reviews in Pharmacy and Applied Sciences*, 1(3), 104-117. ISSN:2249-1236
13. Ravindra Babu P, **Naveen Babu K**, Sathish Chandra A, Bhaskar U, Lakshman G, Venkatesh J. (2012) Cardiotonic activity of aqueous extract of *Terminalia chebula* bark on isolated frog's heart. *International Journal of Research in Pharmaceutical Sciences*, 3(1), 24-28. ISSN: 0975-7538
14. Vishnu P, Sandhya M, Sreesh Kiran R, Vani ChV, **Naveen Babu K** (2012) Needle Free Injection Technology: A Review. *International Journal of Pharmacy* 2(1): 148-155. ISSN: 2249-1848. UGC Approved
15. Surya Sandeep M, Sridhar V, Puneeth Y, Ravindra Babu P, **Naveen Babu K**. (2013) Enhanced oral bioavailability of felodipine by naringenin in Wistar rats and inhibition of P-glycoprotein in everted rat gut sacs in vitro. *Drug Development and Industrial Pharmacy* 40(10), 1371-1377. DOI: 10.3109/0363. 9045. 2013. 819885, ISSN:0363-9045. (SCIE, IF: 2.365)
16. Valluru Rajani Kumar, Ravi Kumar.B, Sreekanth K, **Naveen Babu Kilaru**. (2013) High Throughput LC-MS/MS Method for Simultaneous Determination of Zidovudine, Lamivudine and Nevirapine in Human Plasma. *Journal of Chromatography B* 921-922, 9-14. DOI: 10.1016/j.jchromb. 2012. 12. 042(SCIE, IF: 2.729)

17. Rajani Kumar Valluru, Phani Bhushana Reddy B, Kalyan Sumanth S, Praveen Kumar V, **Naveen Babu Kilaru** (2013). High throughput LC–MS/MS method for simultaneous determination of tenofovir, lamivudine and nevirapine in human plasma. *Journal of Chromatography B*, 931: 117–126. (SCIE, IF: 2.729)
18. Vishnu P, Shireesh Kiran R, Chaitanya B, **Naveen Babu K**, Vijayavani Ch (2013) Formulation and Evaluation of sustained release tablets of vildagliptin. *International Journal of Pharmacy*, 3 (3) 587-593. ISSN: 2249-1848. UGC Approved
19. Ravindra Babu P, **Naveen Babu K**, Haroled Peter P. L, Rajesh K, Jawahar Babu P. (2013) Influence of quercetin on the pharmacokinetics of ranolazine in rats and in vitro models. *Drug Development and Industrial Pharmacy*, 39(6): 873–879. ISSN: 0363-9045. DOI: 10.3109/03639045.2012.707209. (SCIE, IF: 2.365)
20. Usha Sri T, Rajesh V, Vishnu P, **Naveen Babu K** (2014) Formulation and Evaluation of controlled porosity osmotic drug delivery system of metoprolol succinate. *International Journal of Pharmacy*, 4(4): 246-255. ISSN: 2249-1848. UGC Approved
21. Sridhar V, Surya Sandeep M, Ravindra Babu P, **Naveen Babu K**. (2014) Evaluation of First-Pass Cytochrome P4503A (CYP3A) and P-glycoprotein Activities Using Felodipine and Hesperetin in Combination in Wistar Rats and Everted Rat Gut Sacs in Vitro. *Phytotherapy Research* 28, 699-705. (SCIE, IF: 4.087) [DOI: 10.1002ptr. 5040]
22. Ashok M, Vishnu P, **Naveen Babu K**, Umamaheshwara Rao, Madhu B (2014) An overview on bilayer tablets. *International Journal of Research & Reviews in Pharmacy & Applied Science*, 4(1): 957-974. ISSN: 2249-1236
23. P Vishnu, **K Naveen Babu** (2014). Design and Evaluation of Valsartan Hydrodynamic Gastroretentive Drug Delivery Systems. *International Journal of Pharmacy* 4(1): 442-447. ISSN: 2249-1848. UGC Approved
24. V Sridhar, M Surya Sandeep, P Ravindra Babu, **K Naveen Babu** (2014). Evaluation of First-Pass Cytochrome P4503A (CYP3A) and P-glycoprotein Activities Using Felodipine and Hesperetin in Combination in Wistar Rats and Everted Rat Gut Sacs in Vitro. *Phytotherapy Research*, 28 (5): 699-705. (SCIE, IF: 3.092) DOI: 10.1002/ptr. 5040
25. B. Chandana Shilpa, P. Vishnu, **K. Naveen Babu**, V. Umamaheshwara Rao, K. Sai Sriyanka, T. Sravani (2014). A Brief review on floating drug delivery system. *South Pacific Journal of Pharma & Biosciences*, 2(2): 137-153. ISSN:2310-4899



26. Sai Sriyanka.K, P.Vishnu, **K. Naveen Babu**, V.Uma Maheshwara Rao, B. Chandana Shilpa, T.Sravani, B.Arun, M.Ashok (2014). A brief review on liquid solid compact technique. *Int.J.A.PS.BMS* 3 (1): 335-350. ISSN:2077-9280
27. **Naveen Babu Kilaru**, Murali Krishna Javvaji, Rajani Kumar Valluru, Krishna Mohan Chinnala (2015). Development and Validation of RP-HPLC Method for Estimation of Cilostazol in Pharmaceutical Dosage Form. *International Journal of Pharmacy and Biological Sciences*, 5 (1): 153-160. ISSN:2230-7605
28. **Naveen Babu Kilaru**, Murali Krishna Javvaji, Rajani Kumar Valluru, Krishna Mohan Chinnala (2015). Development and Validation of RP-HPLC Method for Estimation of Losartan Potassium in Pharmaceutical Dosage Form. *International Journal of Pharmacy and Biological Sciences*, 5 (3): 158-165. ISSN:2230-7605
29. P Sushma, P Vishnu, V Uma Maheshwar Rao, **K Naveen Babu** (2015). Formulation and invitro-evaluation of gastro-retentive superporous hydrogel tablets of famotidine. *Indo American Journal of Pharmaceutical Research* 5 (10): 3191-3202. ISSN: 2231-6876
30. **Kilaru Naveen Babu**, Ravindrababu Pingili, Sridhar Vemulapalli, Surya Sandeep Mullapudi S Kondru (2015). Antidiabetic activity of methanolic leaf extract and different fractions of *Zephyranthes candida* in Streptozotocin induced diabetic rats. *Iranian Journal of Pharmacology & Therapeutics* 14 (2): 28-34. DOI: 1735-2657/15/142-28-34
31. **Naveen Babu Kilaru** & Ravindra Babu Baggi (2016). An unified mathematical expression for ideal peppas model: prospective estimation of percent deviation. *Asian J. Pharm. Tech.* 6 (2): 38-49. ISSN:2231-5705
32. B. Ravindra Babu & **K. Naveen Babu** (2016). Calculation of predominant drug release mechanism using peppas-sahlin model (substitution method): A linear regression approach. *International Journal of Pharmacy* 6 (4) 128-137. ISSN: 2249-1848. UGC Approved
33. Sridhar Vemulapalli, Surya Sandeep Mullapudi, Ravindrababu Pingili, Ramya Kothapalli, Sivaramakrishna Kondru, **Naveen Babu Kilaru** (2016). Influence of pomegranate juice on the CYP3a4-mediated metabolism and p-glycoprotein mediated transport of saquinavir in vivo and ex vivo models. *Indonesian Journal of Pharmacy* 27 (3): 152-162. ISSN: 2338-9427. DOI: 10.14499/indonesianpharm 27iss3pp152 (**ESCI**)

34. Ravindrababu Pingili, Dilip Arumekala, Yamini Gorrepati, Ramya Sri Gottam, Chandrika Konathala, Siva Reddy Challa, **Naveen Babu Kilaru**. (2016). Assessment of prescription adherence to the AACE guidelines and risk factors for type 2 diabetes in a South Indian tertiary care hospital. *International Journal of Diabetes in Developing Countries*: 37(4), 483-493. ISSN: 0973-3930. [DOI: 10.1007/s134010-016-0527-0] (**SCIE, IF: 0.525**).
35. Sivaprasad Pendyala, Siddhartha Nuthakki, Charan Vallabhu, **Naveen Babu Kilaru**, Siva R Challa, Ravindrababu Pingili (2016). A Prospective Study on the Assessment of Risk Factors For Type 2 Diabetes Mellitus In Outpatients Department of a South Indian Tertiary Care Hospital: A Case-Control Study. *Asian Journal of Pharmaceutical and Clinical Research*, 9 (6): 300-304. ISSN:2455-3391
36. Siddhartha Nuthakki, Sivaprasad Pendyala, Charan Vallabhu, **Naveen Babu Kilaru**, Siva R Challa, Ravindrababu Pingili (2016). An Assessment of Anti-hyperglycemic Drug Utilization Patterns and Adherence to AACE/ACE 2015 Guidelines in South Indian Tertiary Care Teaching Hospital. *Indian Journal of Pharmacy Practice* 9 (4): 225-230. [DOI: 10.5530/ijopp.9.4.3]
37. N Kanaka Durga Devi, M Priyanka, A Swathi, Jasti Krishna Sai, K Naveen Babu (2016). Assessment of Antihypertensive drugs in Ckd patients. *IOSR Journal of Pharmacy* 6(8): 16-21. ISSN: 2250-3013
38. **Kilaru Naveen Babu**, Ravindrababu Pingili, Sridhar Vemulapalli, Surya Sandeep Mullapudi, Siddhartha Nuthakki, Sivaprasad Pendyala (2016). Pharmacokinetic interaction study between flavanones (hesperetin, naringenin) and rasagiline mesylate in wistar rats. *Drug Development and Industrial Pharmacy*, 42 (7): 1110-1117. ISSN: 0363-9045. DOI: 10.3109/0363 9045.2015.1115868. (**SCIE, IF: 2.365**).
39. Y Narasimha Rao, **K Naveen Babu**, M V Basaveswara Rao, M Prasad Rao (2016). Hepatoprotective activity of methanolic extract of Maesa Indica Bark against CCl4 induced liver damage in rats. *International Journal of Pharmaceutical Sciences Review & Research* 37 (1): 101-104. ISSN:0976-044x
40. Ravindra Babu, **Naveen Babu Kilaru** (2016). Modulation of drug release mechanism by Higuchi model: Estimation of percent deviation. *Asian J. Pharm. Tech.*, 6(4): 61-69. (ISSN: 2231-5705)

41. Prasad Rao, Y Narasimha Rao, **K Naveen Babu**, M V Basaveswara Rao (2017). Evaluation of hepatoprotective activity of methanolic extract of *Dendrobium normale* flowers against CCl<sub>4</sub> induced liver damage in rats. *International Journal of current Research* 9 (1): 45064-45067. ISSN: 0975-833x
42. **Naveen Babu Kilaru**, Murali Krishna Javvaji, Rajani Kumar Valluru, Krishna Mohan Chinnala (2017). Development and Validation of RP-HPLC Method for Estimation of Mesalamine in Pharmaceutical Dosage Form. *International Journal of Pharmacy and Biological Sciences*, 7 (1): 121-127. ISSN: 2321-3272
43. **Naveen Babu Kilaru**, Murali Krishna Javvaji, Rajani Kumar Valluru, Krishna Mohan Chinnala (2017). Development and Validation of RP-HPLC Method for Estimation of Ropinirole in Pharmaceutical Dosage Form. *International Journal of Pharmacy and Biological Sciences*, 7 (3): 229-235. ISSN: 2321-3272. UGC Approved
44. **Naveen Babu Kilaru**, Ravindra Pingili, Uday Bhaskar Narra, Sri Varsha Reddy, Chinnam, Prardhana Devi Datla, Sree Varsha Potluri (2017). Assessment of medication adherence to JNC-7 guidelines and risk factors for hypertension in a south Indian tertiary care hospital. *Indian Journal of Pharmacy Practice*, 10(2): 78-89. DOI: 10.5530/IJOPP.10.2.17
45. RV Sujanamulk Bhavan, Prashant Nahar, Chintamaneni Raja Lakshmi, **Naveen Babu Kilaru**, Ramakrishna Vemugunta (2017). A randomized clinical trial to asses and compare the antimicrobial activity of plants of lythraceae family with hora mouth washes in subjects with chronic periodontitis unvellling the unseen effects. *International Journal of Pharmaceutical Sciences & Research* 8(5): 2184-2193. ISSN: 0975-8232.
46. Narsimha Rao Y, and **Naveen Babu K** (2017) Phytochemical Analysis and Acute Toxicity Studies of Methanolic Extract of Stem of *Dalbergia lanceolaria*, Flowers of *Dendrobium normale* and Bark of *Measa indica*. *Research Journal of Pharmaceutical, Biological and Chemical Sciences* 8(2): 97-100. ISSN: 0975-8585.
47. Divya Rayapureddy, Sheethal Shinde, **Naveen Babu Kilaru**, Ravindrababu Pingili (2017). Evaluation of skeletal muscle relaxant activity of quercetin and chrysin in albino rats using rotarod apparatus and actophotometer. *Iranian Journal of Pharmacology and Therapeutics*, 13(1): 1-4. (ESCI)

48. Ravindrababu Pingili, Dilip Arumekala, Yamini Gorrepati, Ramya Sri Gottam, Chandrika Konathala, Siva Reddy Challa, **Naveen Babu Kilaru** (2017). Assessment of prescription adherence to the AACE guidelines and risk factors for type 2 diabetes in a south Indian tertiary care hospital. *International Journal of Diabetes Developing Countries*, 37(4): 483-493. DOI: 10.1007/s13410-016-0527-0. (SCIE, IF: 0.525)
49. **K. Naveen Babu**, M. Prasada Rao, K. Hanumantha Rao, Y. Narasimha Rao (2018). Antioxidant activity of extract of *Rizophora mucronata* leaf. *International Journal of ChemTech Research*, 11 (5): 201-208. ISSN: 0974-4290. (SCIE)
50. Sheethal Shinde, Divya Rayapureddy, **Naveen Babu Kilaru**, Ravindrababu Pingili (2018). Evaluation of quercetin and chrysin for anthelmintics activity using adult Indian earthworm model. *International Journal of Pharmaceutical and Clinical Research*, 10 (8): 216-218. ISSN: 0975-1556.
51. Pallavi K, **Naveen Babu K**, Basaveswara Rao MV (2018). Extraction and in vivo characterization of various natural mucoadhesive polymers. *World Journal of Pharmaceutical Research*, 7 (15): 650-662. ISSN: 2277-7105.
52. Pallavi K, **Naveen Babu K**, Basaveswara Rao MV (2018). Fabrication of layered tablet of Curcumin with natural excipients for colon targeting. *Der Pharmacia Lettre*, 10(3): 15-29. ISSN: 0975-5071.
53. **K. Naveen Babu**, M. Prasada Rao, K. Hanumantha Rao, Y. Narasimha Rao (2018). Evaluation of anxiolytic activity methanolic extract of *Caltropis gigantean* flowers. *American Journal of PharmTech Research*, 8 (2): 229-232. ISSN: 2249-3387.
54. **Naveen Babu Kilaru**, Murali Krishna Javaji, Rajani Kumar Valluru, Krishna Mohan Chinnala (2018). Development and validation of RP-HPLC method for estimation of Tramadol in extended release tablet pharmaceutical dosage form. *International Journal of Pharmacy and Biological Sciences*, 8(1): 462-468. UGC Approved
55. Ravindrababbu Pingili, Dilip Arumekala, Yamini Gorrepati, Ramya Sri Gottam, Chandrika Konathala, Siva Reddy Challa, **Naveen Babu Kilaru** (2018). Rejoinder to: Basus "Letter to the Editor". *International Journal of Diabetes in Developing Countries*, 38:253. DOI: 10.1007/s13410-018-0629-y (SCIE, IF: 0.525)
56. Siddhartha Nuthakki, Sivaprasad Pendyala, Sivarama Krishna Konduru, Ravindrababu Pingili, **Naveen Babu Kilaru** (2018). Drug-drug interactions: Influence of verapamil on

the pharmacokinetics of sitagliptin in rats and Ex vivo models. *Iranian Journal of Pharmacology & Therapeutics*, 16 (1): 1-11.

57. Keerthi Annavarpu, Hema Lalitha Borra, Rupa Swathi Chakka, Venkatesh Chennuboina, Anjani Kumar C, **Naveen Babu Kilaru**, Jaidev Sudhagani, Ravindrababu Pingili (2019). Assessment of medication adherence and risk factors for hypothyroidism in South Indian tertiary care hospital: A cross-sectional study. *Journal of Diabetes, Metabolic Disorders & Control*, 6(3): 60-79. DOI: 10.15406/jdmdc.2019.06.00184
58. Victor Prabhakar, Lakshmi Keerthana R, Shaik Salma, Amreen Siddiqua, Meghana Suryadevara, **Naveen Babu Kilaru**, Ravindrababu Pingili (2019). Tuberculosis: An overview of current literature on types, diagnosis and drug therapy. *International Journal of Research in Medical Sciences*, 7(7): 2875-2882. DOI: 10.18203/2320-6012.ijrms2019-2939. ISSN: 2320-6071. **(ESCI)**
59. Pallavi Kurra, Kishore Narra, Srinivasa Babu Puttugunta, **Naveen Babu Kilaru**, Basaveswara Rao Mandava (2019). Development and optimization of sustained release mucoadhesive composite beads for colon targeting. *International Journal of Biological Macromolecules*, 139: 320-321. **(SCIE, IF: 6.953)**
- 60.
- A. Manaswitha, PVL D Sai Swetha, NKD Devi, **K. Naveen Babu**, K. Ravi Shankar (2019). Oleic acid based emulgel for tropical delivery of ofloxacin. *Journal of Drug Delivery and Therapeutics*, 9(4A): 183-190.
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**Organizational Experience**

- Internal Senior Research Faculty Member, Centre for Research Studies, Krishna University
- Member, Board of Studies in Pharmacy, Krishna University

**Administrative Experience**

- Examination Cell Incharge
- Placement Officer
- NBA & NAAC Co-ordinator

**Membership in Professional Bodies**

- ISTE
- APTI
- Associate Fellow of Andhra Pradesh Akademi of Sciences
- Andhra Pradesh Pharmacy Council Registered Pharmacist

The above-furnished Information is true to the best of my knowledge.

Yours sincerely,

**(K. Naveen Babu)**