

FACULTY PUBLICATIONS LIST-2017

1. **Garikapati Devala Rao**, Madhusudhan Reddy Induri (2017). Spectrophotometric estimation of Acetazolamide in pharmaceutical formulations. *World Journal of Pharmaceutical Sciences*, 5(4): 36-39.
2. Panchumarthy Ravisankar, **Devala Rao G.**, MD. Shaheem Sulthana, Supriya K., Mounika G., Naveena P. (2017). Rapid and Economical Quantitative Determination of Several Antihypertensive Agents in presence of Hydrochlorothiazide by Isocratic Reversed-Phase High-Performance Liquid Chromatography in their Pharmaceutical Preparations. *Asian Journal of Pharmaceutical and Clinical Research*, 10(12): 155-159.
3. **Buchi N. Nalluri**, Chandrateja Uppuluri, Jyothirmayee Devineni, Atul Nayak, Karthik J. Nair, Benjamin R. Whiteside, Diganta B. Das (2017). Effect of microneedles on transdermal permeation enhancement of Amlodipine. *Drug Delivery and Translational Research*, 7(3): 383-394.
4. NV. Satya Tejaswini Yannamani, Siva Reddy Challa, Krishnasri Nalla, Rajasree Gadde, **Lakshmi Pavani Anne** (2017). Practice of Intra Venous (IV) to Oral Conversion of Antibiotics and its Impact on Length of Stay in a Tertiary Care Hospital: A Prospective Observational Study. *Journal of Clinical & Diagnostic Research* (Accepted in Dec 2017, yet to be published).
5. Chandra Teja Uppuluri, Jyothirmayee Devineni, Tao Han, Atul Nayak, Kartik J. Nair, Benjamin R. Whiteside, Diganta B. Das and **Buchi N. Nalluri** (2017). Microneedle-assisted transdermal delivery of Zolmitriptan: Effect of microneedle geometry, in vitro permeation experiments, scaling analyses and numerical simulations. *Drug Development and Industrial Pharmacy*, 43(8): 1292-1303.
6. Pangkhi Medhi, Ololade Olatunji, Atul Nayak, Chandra Teja Uppuluri, Richard T. Olsson, **Buchi N. Nalluri**, and Diganta B. Das (2017). Lidocaine-loaded fish scale-nanocellulose biopolymer composite microneedles. *AAPS Pharm SciTech*, 6(5): 1488-1494.
7. Chandrateja Uppuluri, Ashraf Sultana Shaik, Tao Han, Atul Nayak, Karthik J.Nair, Benjamin R. Whiteside, **Buchi N. Nalluri** and Diganta B. Das (2017). Effect of Microneedle type on transdermal permeation of Rizatriptan. *AAPS Pharm SciTech*, 18(8): 1495-1506.

8. Vijaya Lakshmi Marella, Aisha Syed, Lakshmi Prasanna M. and **Buchi Naidu Nalluri** (2017). A novel validated RP-HPLC method for the estimation of Canagliflozin in bulk and pharmaceutical dosage forms. *International Journal of Advances in Pharmaceutical Analysis*, 07(03):24-27.
9. Vijaya Lakshmi M., M.Srinavyatha, Lakshmi Prasanna M., **Buchi Naidu Nalluri** (2017). A novel improved RP-HPLC method for the estimation of Dothiepin hydrochloride in bulk and pharmaceutical dosage form. *IOSR Journal of Pharmacy and Biological Sciences*, 12(3): 21-26.
10. Sowjanya P., Vijaya Lakshmi M., Lakshmi Prasanna M. and **Buchi N. Nalluri** (2017). Development and validation of RP-HPLC method for the estimation of Duloxetine hydrochloride in bulk and pharmaceutical dosage form. *Journal of Chemical and Pharmaceutical Research*, 9(7): 105-110.
11. NV. Satya Tejaswini Yannamani, Siva Reddy Challa, Krishnasri Nalla, **Rajasree Gadde**, Lakshmi Pavani Anne (2017). Practice of Intra Venous (IV) to Oral Conversion of Antibiotics and its Impact on Length of Stay in a Tertiary Care Hospital: A Prospective Observational Study. *Journal of Clinical & Diagnostic Research*. (Accepted in Dec 2017, yet to be published).
12. Ravindrababu Pingili, Dilip Arumekala, Yamini Gorrepati, Ramya Sri Gottam, Chandrika Konathala, Siva Reddy Challa, **Naveenbabu 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 in Developing Countries*, 37(4): 483-493.
13. Uday Bhaskar Narra, Ravindra Babu Pingili, Sri Varsha Reddy Chinnam, Pradhana Devi Datla, Sree Varsha Potluri, **Naveen Babu Kilaru** (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*, 10(2): 78-89.
14. Narsimha Rao Y., **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.
15. Prasad Rao Y., Narasimha Rao Y., **Naveen Babu K.**, Basaveswara Rao MV. (2017). Evaluation of hepatoprotective activity of methanolic extract of *Dendrobium normale* flowers against CCl₄ induced liver damage in rats. *International Journal of current Research*, 9 (1): 45064-45067.

16. Sujanamulk Bhavana, Prashant Nahar, Chintamaneni Raja Lakshmi, **Naveen Babu Kilaru**, Ramakrishna Vemugunta (2017). A Randomized clinical trial to assess and compare the antimicrobial activity of plants of Lythraceae family with Hiora mouth washes in subjects with chronic periodontitis–“Unveiling the unseen effects”. *International Journal of Pharmaceutical Sciences and Research*, 8(5): 2184-2193.
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19. Sujanamulk Bhavana, Prashant Nahar, Chintamaneni Raja Lakshmi, Naveen Babu Kilaru, **Ramakrishna Vemugunta** (2017). A randomized clinical trail to assess and compare the antimicrobial activity of plants of Lythraceae Family with Hiora mouth washes in subjects with chronic periodontitis–“Unveiling the unseen effects”. *International Journal of Pharmaceutical Sciences and Research*, 8(5): 2184-2193.
20. Bharathi A., Chendra Shekar Naik D., **Ramakrishna V.** (2017). Enhancement of dissolution rate of poorly soluble drug Nateglinide by complexation technique. *International Journal of Pharma and Chemical Research*, 3(4):727-735.
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22. **Bharathi A.**, Sravani KR., Bhargavi G., Prudhi Raj K. (2017). Formulation and evaluation of Diltiazem hydrochloride sustained release matrix tablets using melt granulation technique. *International Journal of Pharma and Chemical Research*, 3(1): 91-102.
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24. **Karuna Sree Varicola**, Sushmitha Metla, Urmila Sri Syamala and Sravya Rajulapati (2017). Assessment of Potential Antiuro lithiatic Activity of Some selected Medicinal

- Plants by In vitro Techniques. *International Journal of Pharma and Drug Development*, 1(1): 38-42.
25. **N. Kanaka Durga Devi**, Chilakala Sumalatha and Challagulla Vani Sowjanya (2017). Health Information and Preventive Steps for Work- Related Carpal Tunnel Syndrome. *European Journal of Biomedical and Pharmaceutical Sciences*, 4(11): 162-168.
 26. **Vijaya Lakshmi Marella**, Aisha Syed, Lakshmi Prasanna M. and Buchi N. Nalluri (2017). A novel validated RP-HPLC method for the estimation of canagliflozin in bulk and pharmaceutical dosage forms. *International Journal of Advances in Pharmaceutical Analysis*, 07(03): 24-27.
 27. **Vijaya Lakshmi M**, M. Srinavyatha, Lakshmi Prasanna M., Buchi N. Nalluri (2017). A Novel Improved RP-HPLC Method for the Estimation of Dothiepin Hydrochloride in Bulk and Pharmaceutical Dosage Form. *IOSR Journal of Pharmacy and Biological Sciences*, 12(3): 21-26.
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 29. Yeshwant Kurhe, R. Mahesh, **Devadoss Thangaraj** (2017). Novel 5-HT₃ receptor antagonist QCM-4 attenuates depressive-like phenotype associated with obesity in high-fat-diet-fed mice. *Psychopharmacology*, 234(7): 1165-1179.
 30. Shvetank Bhatt, Radhakrishnan Mahesh, Ankur Jindal and **Devadoss Thangaraj** (2017). Neuropharmacological and neurochemical evaluation of N-n-propyl-3-ethoxyquinoxaline-2-carboxamide (6n): A novel serotonergic 5-HT₃ receptor antagonist for co-morbid antidepressant and anxiolytic –like potential using traumatic brain injury models in rats. *Journal of Basic and Clinical Physiology and Pharmacology*, 28(2): 93-100.
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- carboxamide 6k using rodents behavioural battery tests. *Journal of Pharmacology and Pharmacotherapeutics*, 5(3).
32. **B. Anupama**, KNV Chenchu Lakshmi, R. Anusha, Jasti Krishnasai (2017). Microwave assisted synthesis and biological evaluation of some novel coumarin Schiff bases. *Journal of Global Trends in Pharmaceutical Sciences*, 8 (4): 4573-4582.
33. B. Anupama, **KNV Chenchu Lakshmi**, R. Anusha, Jasti Krishnasai (2017). Microwave assisted synthesis and biological evaluation of some novel coumarin Schiff bases. *Journal of Global Trends in Pharmaceutical Sciences*, 8 (4): 4573-4582.
34. Phani Kumar Kola, Annapurna Akula, **Lakshmi Sudeepthi Nissankara Rao**, R. Ch. Sekhara Reddy Danduga (2017). Protective effect of naringin on pentylenetetrazole (PTZ)-induced kindling; possible mechanisms of antkindling, memory improvement and neuroprotection. *Epilepsy & Behavior*, 75: 114-126.
35. **Ravindrababu Pingili**, Dilip Arumekala, Yamini Gorrepati, Ramya Sree Gottam, Chandrika Konathala, Siva R Challa, Naveenbabu 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 in Developing Countries*, 37 (4): 483 – 493.
36. Uday Bhaskar Narra, **Ravindrababu Pingili**, Sri Varsha Reddy Chinnam, Prardhana Devi Datla, Sree Varsha Potluri, Naveen Babu Kilaru (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. NV.
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