Research Publications 2016

- 1. Zenab Attari, Sunethra Kalvakuntla, M Sreenivasa Reddy, Mangesh Deshpande, C Mallikarjuna Rao and K B Koteshwara. Formulation and characterisation of nanosuspensions of BCS class II and IV drugs by combinative method. Journal of Experimental Nanoscience, 2016, 276-288.
- 2. Anirudh Kotlo, Ajay Maram, Pradeep M Muragundi, Manthan Janodia and Virendra Ligade. Health Related Quality of Life among Medical Representatives. Journal of Young Pharmacists, Jan Mar 2016, Vol 8(1), 18-22.
- 3. Chandr Sekhar Misra, Chetan Gejjalagere Honnappa, Srinivas Reddy Jitta, Karthik Gourishetti, Prasanthi Daram, Mahendra Pal Singh, Mazhuvancherry Kesavan Unnikrishnan. Biological activity of a small molecule indole analog, 1-[(1H-indol-3-yl)methylene]-2-phenylhydrazine(HMPH), in chronic inflammation. Chemico- Biological Interactions, January 2016, 244, 71-83.
- 4. Lalitha Simon, KK Srinivasan, Nitesh Kumar, Neetinkumar D Reddy, Subhankar Biswas, C Mallikarjuna Rao, Sudheer Moorkoth. Selected Novel 5'-Amino-2'-Hydroxy-1, 3-Diaryl-2-Propen-1-Ones Arrest Cell Cycle of HCT 116 in G₀/G₁ Phase. Excli Journal, Jan 2016, 15, 21-32.
- 5. Puppala Geetika Krishna, Thunga Girish, Chekka Manasa, Sudha Vidya Sagar, Sureshwar Pandey, Vijaynaryana K, Sreedharan N and Prasann Kumar Shetty. Demographics, Clinical Characteristics, Treatment and Outcomes of Acute Organo-Phosphorous Pesticide Poisoning Frm South India. Research Journal of Pharmaceutical, Biological and Chemical Sciences. November December 2015, 6(6), 826-834
- Parvathy Menon, Girish Thunga, Srikanth Nambiar, Kanav Khera. Atypical presentation of metoclopramide - induced galactorrhea. Journal of Pharmacy Practice and Research, 2015, 45, 437-439
- 7. Merry Rahael, Seyed Hanif Karimzad, Jatin Agarwal, Anirudh Arun Bhandakar, Girish Thunga, Shreedhar N, Vijayanarayan K, Muralidhar Varma and Sureshwar Pandey. Prevalence of Ventilator Acquired Pneumonia in Organophosphorus Poisoning Patients in Tertiary Care Hospital. International Journal of Drug Development and Research, 2015, 7(4), 06-08.
- 8. Parvathy R Menon, Srikanth Nambiar, Girish Thunga, Vinay Patidar, Kanav Khera and Yogesh Vohra. Clinical Presentation of Abdominar Tuberculosis in Indian Scenario: A Retrospective Study. Research Journal of Pharmaceutical, Biological and Chemical Sciences, November December 2015, 6(6), 44-50.
- 9. Ramanath KV, MM Prabhu, Krishnadas Nandakumar and K Sreedhara R Pai. Monitoring of Adverse Reactions in Geriatric South Indian Patients in a Tertiary Care Teaching Hospital: A Prospective Study. Research Journal of Pharmaceutical, Biological and Chemical Sciences, January February 2016, 7(1), 1381-1386
- 10. Lalit Kumar, Meka S Reddy, Ruchi Verma & KB Koteshwara. Selection of Cryoprotective Agent for Freeze Drying of Valsartan Solid Lipid Nanoparticles. Latin American Journal of Pharmacy, 2016, 35(2), 284-290.

- 11. Grandhi Venkata Ramalingayya, Madhavan Nampoothiri, Pawan G Nayak, Anoop Kishore, Rekha R Shenoy, Chamallamudi Mallikarjuna Rao, Krishnadas Nandakumar. Nagingin and Rutin Alleviates Episodic Memory Deficits in Two Differentially Challenged Object Recognition Tasks. Pharmacognosy Magazine, January March 2016, 12(45); 63-70.
- 12. Meenakshi Srinivasan, Karthik Rao N, Girish Thunga, Manjunatha Hande and Ramamoorthi K. An intriguing case of acute abdomen. Research Journal of Pharmaceutical, Biological and Chemical Scinces, January February 2016, 7(1), 586-589.
- 13. Yogesh Vohra, Vinay Patidar, Aaron Alexander, Girish Thunga, Sreedharan Nair, Vijaynarayana Kunhikatta, Raviraja Acharya, Swathi Bhatt, Kesia Shaji Oomen, Alekhya Lavu and Akansha Kumar. Knowledge and Awareness of Diabetes Mellitus among Patients in a Tertiary Care Hospital in Southern India. Research Journal of Pharmaceutical, Biological and Chemical Sciences, January February 2016, 7(1), 425-428.
- 14. A Suhaj, MK Manu, MK Unnikrishnan, K Vijayanarayana, C Mallikarjuna Rao. Effectiveness of Clinical Pharmacist Intervention on Health-Related Quality of Life in Chronic Obstructive Pulmonary Disorder Patients A Randomized Controlled Study. Journal of Clinical Pharmacu and Therapeutics. January 2016, 47, 78-83.
- 15. Virendra S Ligade. Look alike, sound -alike drugs in India. Current Science, 10 October 2015, Vol 109, No 7; 1230-1233.
- 16. BS Jayashree, Sukriti Nigam, Aravinda Pai, Harsh K Patel, ND Reddy, Nitesh Kumar & CM Rao. Targets in anticancer research A review. Indian Journal of Experimental Biology. August 2015, Vol 53, 489-507.
- 17. Damodaram Atmakuri, Zenab Attari, Girish Pai, Koteshwara KB. Enteric Coated capsules of eprosartan mesylate with pH-modifier for augmenting the dissolution. February 2016, 7(1), 34-38.
- 18. Sunethra Kalvakuntla, Mangesh Deshpande, Zenab Attari, Koteshwara Kunnatur B. Preparation and Characterisation of Nanosuspension of Aprepitant by H96 Process. Advanced Pharmaceutical Bulletin, 2016, 6(1), 83-90.
- 19. BS Jayashree, Harshkumar H Patel, Neethu Susan Mathew, Yogendra Nayak. Synthesis of newer piperidinyl chalcones and their anticancer activity in human cancer cell lines. Research Chemical Intermedidate, March 2016, 42(4), 3673-3688.
- 20. Ramanath Katta Venkatesh, Mukhyaprana M Prabhu, Krishnadas Nandakumar, K Sreedhara R Pai. Urinary Tract Infection Treatment Pattern of Elderly Patients in a Tertiary Hospital Setup in South India: A Prospective Study. Journal of Young Pharmacists, April June 2016, Vol 8(2), 108-113.
- 21. Gopal Venkatesh Shavi, Meka Sreenivasa Reddy, Ramesh Raghavendra, Usha Yogendra Nayak, Averineni Ranjith Kumar, Praful Balavant Deshpande, Nayanabhirama Udupa, Gautam Behl, Vivek Dave and Kriti Kushwaha. PEGylated liposomes of anastrozole for long term treatment of breast cancer: in vitro and in vivo evaluation. Journal of Liposome Research. 2016, 26(1); 28-46.
- 22. Zenab Attari, Lalit Kumar, C Mallikarjuna Rao, KB Koteshwara. Validation of a Sensitive and Robust Reversed Phase HPLC Method for Determination of Temozolomide. Acta Farmaceutica Bonaerense, May 2016, 35(5), 967 971.

- 23. Swapnil Jayant Dengale, Holger Grohganz, Thomas Rades, Korbinian Lobmann. Recent advances in co-amorphous drug formulations. Advanced Drug Delivery Reviews, May 2016, 100, 116-125.
- 24. M Sonal Sekhar, MK Unnikrishnan, Gabriel Sunil Rodrigues, Navya Vyas. Chelating agents and antioxidants: Pragmatic approaches for management of Buerger's disease. Reviews in Vascular Medicine. May 2016, 4(5), 23-25
- 25. Narayanan Kasinathan, Subrahmanyam M Velety and Venkata Rao Josyula. Chondroitinase: A promising therapeutic enzyme. Critical Reviews in Microbiology, May 2016, 42(3), 474 484.
- 26. Narayanan Kasinathan, Muthukumar Amirthalingam, Neetinkumar D Reddy, Hitesh V Jagani, Subrahmanyam M Volety and Josyula Venkata Rao.In-situ implant containing PCL-curcumin nanoparticles developed using design of experiments. March 2016, 23(3), 1000-1015.
- 27. E Jeyaseeli Florance, D Dhayabaran and K Nandakumar. Antimicrobial, Anticancer and Cytotoxic Activities of Acetone Extract Fraction from Stem Bark of Thespesia populnea(Linn.). Research Journal of Pharmaceutical, Biological and Chemical Sciences. May June 2016, 7(3), 1722-1728.
- 28. Sai A Balaji, Nayanabhirama Udupa, Mallikarjuna Rao Chamallamudi, Vaijayanti Gupta, Annapoorni Rangaraja. Role of the Drug Transporter ABCC3 in Breast Cancer Chemoresistance, PLoS One, May 2016, 11(12), 1-22.
- 29. Pooja R Kamath, Dhanya Sunil, A Abdul Ajees, KSR Pai, Shubankar Biswas. N'-((2-(6-bromo-2 oxo 2H-chromen 3 yl)-1H- indol -3-yl)methylene) benzohydrazide as a probable Bcl-2 / Bcl -xL inhibitor with apoptotic and anti-metastatic potential. European Journal of Medicinal Chemistry, 2016, 120, 134-147.
- 30. MH Shoja, Neetinkumar D Reddy, Pawan G Nayak, Subhankar Biswas, KK Srinivasan, C Mallikarjuna Rao. In vitro mechanistic and in vivo anti-tumor studies of Glycosmis pentaphylla(Retz.)DC against breast cancer. Journal of Ethnopharmacology, 2016, 186, 159-168.
- 31. Zenab Attari, Amita Bhandari, PC Jagadish, Shaila Lewis. Enhanced ex vivo intestinal absorption of olmesartan medoxomil nanosuspension: Preparation by combinative technology. Saudi Pharmaceutical Journal. 24, 57-63.
- 32. Rupesh K, Shirodkar, Lalit Kumar, Chandrashekhar Misra, Renuka Managuli, Zenab Attari, Srinivas Mutalik & Shaila A Lewis. Development and Validation of a Reverse Phase HPLC Method for the Estimation of Lacidipine in Rat Plasma Application to Preclinical Pharmacokinetics. Latin American Journal of Pharmacy, June 2016, 35(1), 124-129.
- 33. T Darekar, KS Aithal, R Shirodkar, L Kumar, Z Attari, S Lewis. Characterization and in vivo evaluation of lacidipine inclusion complexes with β cyclodextrin and its derivatives. Journal of Inclusion Phenomena and Macrocyclic Chemistry. Feb 2016, 84(1), 225-235.
- 34. Ushasree Medikonduri, Zenab Attari, Krishnamurthy Bhat and Shaila Lewis. Acyclovir Entrapped N-Trimethyl Chitosan Nanoparticles for Oral Bioavailablity Enhancement. Current Nanoscience, May 2016, 12(3), 378-385.

- 35. Amita Bhandari, Zenab Attari, Prashant Musmade & Shaila Lewis. Enhanced Intestinal Permeability of Quercetin Coated Felodipine Beads in Wistar Rats.. Formulation and Ex vivo study. Latin American Journal of Pharmacy, April 2016, 35(3), 558-563.
- 36. Grandhi Venkata Ramalingayya, Karthik Gourishetti, Anoop Kishore and Krishnadas Nandakumar. Assessment of female rats for studying episodic memory and its dificit associated with doxorubicin-induced chemobrain, Clinical and Experimental Pharmacology and Physiology, June 2016, 43(6), 644-646.
- 37. Zenab Attari, Jayesh Mudgal, Pawan G Nayak, Nandakumar Krishnadas, Revathi Rajappan and N Gopalan Kutty. Endothelium Dependent and Independent Mechanisms of Vasorelaxant Activity of Sythesized 2,5 -disubstituted -1,3,4-oxadiazole Derivatives in Rat Thoracic Aorta-Ex vivo and Molecular Docking Studies. Letters in Drug Design and Discovery, June 2016, 13(5), 441-450.
- 38. Neetinkumar D Reddy, MH Shoja, Subhankar Biswas, Pawan G Nayak, Nitesh Kumar, C Mallikarjuna Rao. An appraisal of cinnamyl sulfonamide hydroxamate derivatives (HDAC inhibitors) for anti-cancer, anti-angiogenic and anti-metastatic activities in human cancer cells. Chemico-Biological Interactions. June 2016, 112- 124.
- 39. Pradeepa, SM Vidya, Srinivas Mutalik, K Udaya Bhat, Prashant Huilgol, Kiran Avadhani. Preparation of gold nanoparticles by novel bacterial exopolysaccharide for antibiotic delivery. Life Sciences. May 2016, 153(6), 171-179.
- 40. Renuka S Managuli, Lalit Kumar, Ankita D Chonkar, Rupesh K Shirodkar, Shaila Lewis, Kunnatur B Koteshwara, Meka Sreenivasa Reddy and Srinivas Mutalik. Development and validation of a stability-indicating RP-HPLC method by a statistical optimization process for the quantification of asenapine maleate in lipidic nanoformulations. Journal of Chromatographic Science Advance Acces. May 2016, 5, 1-11.
- 41. Paridhi Bhargava, Swati Pralhad, Ashita S Uppoor, Dilip G Nayak, Srinivas Mutalik, Pallavi Krishna Shetty. Evaluation of anti-bacterial, antioxidant, anti-inflammatory and cytotoxicity potential of mouth rinse containing piper betel essential oil. International Journal of Research in Ayurveda and Pharmacy, April 2016, 7(2), 217- 221.
- 42. Srinivas Mutalik, Neelam A Suthar, Renuka S Managuli, Pallavi K Shetty, Kiran Avadhani, Guruprasad Kalthur, Raghavendra V Kulkarni, Ranjeny Thomas. Development and performance evaluation of novel nanoparticles of agrafted copolymer loaded with curcumin. International Journal of Biological Macromolecules. May 2016, 86(5), 709-720.
- 43. Nayak UY, Mutalik S and Udupa N. An Overview of Novel and Controlled Drug Delivery Systems. Indian Drugs, May 2016, 53(5), 5-12.
- 44. Suhani Sumalatha, Divya Padma, K Sreedhara R Pai, Sushma R Kotian, Nitesh Kumar, Kumar MR Bhat. Hepatoprotective Activity of Aqueous Extrat of Caesalpinia Bonduc Against CCL4 induced Chronic Hepatotoxicity. International Journal of Pharmacy and Pharmaceutical Sciences, May 2016, 8(4), 207-211.
- 45. Nikhila Gokhale, Naveen Panathur, Udayakumar Dalimba, Pawan G Nayak and K Sreedhar Ranganath Pai. Novel Indole-Quinazolinone Based Amides as Cytotoxic Agents. Journal of Heterocyclic Chemistry, March 2016, 53, 513-524.

- 46. ST Bhagawati, Ankita D Chonkar, Swapnil J Dengale, Sreenivasa M Reddy and Krishnamurthy Bhat. Bioavailability Enhancement of Riatriptan Benzoate by Oral Disintegrating Strip: In vitro Evlaution. Current Drug Delivery, May 2016, 462 470.
- 47. Jay Kumar Bhagath, Richard Lobo, Mamatha Ballal and Picheswara Rao Polu. Antineoplastic activity of Anisochilus cornosus (L.f) wall on HeLa cell line. Der Pharmacia Lettre, 2016, 8(4), 186-190.
- 48. Jayesh Mudgal, Vasantharaju S Gowdra, Piya P Mudgal, Pawan G Nayak, Nitesh Kumar, Zenab Attari, C Mallikarjuna Rao, Gopalan K Nampurath. Preclinical efficacy of a gastrosparing novel thiazolidin 4- one in alleviating secondary lesions of polyarthritis: A multiparametric approach. European Journal of Pharmaceutical Sciences, June 2016, 91, 74-83.
- 49. Manthan Dilipkumar Janodia. Health Related Quality of Life(HRQOL) Measures in Healthcare Delivery systeme: Indian Perspective. Journal of Young Pharmacists, Jul Sep 2016, Vol 8(3), 164-167.
- 50. Amit Tiwari, N Gopalan Kutty, Nitesh Kumar, Anil Chaudhary, P Vasanth Raj, Rekha Shenoy, C Mallikarjuna Rao. Synthesis and evaluation of selected 1,3,4-oxadiazole derivatives for in vitro cytotoxicity and in vivo anti-tumor activity. Cytotechnology, July 2016, 1-13.
- 51. Sarine Sebastian Karot, Vasantharaju Gowdra, Surenahalli, Anoop Kishore, Jayesh Mudgal, Krishnadas Nandakumar, Magith Thambi Chirayil, Geetha Mathew and Gopalan Kutty Nampurath. Dose related antihyperglycemic and hypolipidemic effects of two novel thiazolidin-4-ones in a rodent model of metabolic syndrome. J Diabetes. 2016 Sep;8(5):629-39.
- 52. M Sonal Sekhar, Roy Raymol Thomas, MK Unnikrishnan, K Vijayanarayana and Gabriel Sunil Rogdrigues. Impact of diabetic foot ulcer on health related quality of life: A cross sectional study. Seminars in Vascular Surgery, 2016, 28; 165-171.
- 53. G Ramya Kumari, Deepika NC and Krishnamurthy Bhat. Simultaneous Estimation of Emitricitabine, Efavirenz, Tenofovir Disproxil Fumarate by Chemometry and Reverse Phase High Preformance Liquid Chromatography. Indian Drugs, June 2016, 53(06), 62-69.
- 54. Sherin Babykutty, Sumisha Jose and Rekha R Shenoy. Topical Use of Jatyadi Oil in Normal and Dexamethasone Suppressed Wound Healing in Animal Studies. Research Journal of Pharmaceutical, Biological and Chemical Sciences. July August 2016, 7(4), 669 677
- 55. Yogendra Nayak, Kiran Avadhani, Srinivas Mutalik and Usha Y Nayak. Lymphatic Delivery of Anti HIV Drug Nanoparticles. Recent Patents on Nanotechnology, July 2016, 10(2), 116-127.
- 56. Garima Sinha, Leelavathi D Acharya, Girish Thunga, Treasa Mathews. A Study of Medication Errors in General Medicine Wards of the South Indian Tertiary Care Hospital. Asian Journal of Pharmaceutical and Clinical Research. April 2016, 9(4), 196 200
- 57. Leelavathi D Acharya, NR Rau, N Udupa, Surulevel Rajan M, Vijayanarayan K. Trendra in Prescribing Antidiabetic Drugs Over a Period of three years in South Indian Tertiary Care Hospital. International Journal of Pharmacy & Technology, June 2016, 8(2), 12994-13007
- 58. Rashmi Boppana, Raghavendra V Kulkarni, G Krishna Mohan, Srinivas Mutalik, and Tejraj M Aminabhavi. In vitro and in vivo assessment of novel pH-sensitive interpenetrating

- polymer networks of graft copolymer for gastro protective delivery of ketoprofen. RSC Advances. July 2016, 69(6), 64344-64356.
- 59. Ankita D Chonkar, J Venkata Rao, Renuka S Managuli, Srinivas Mutalik, Swapnil Dengale, Prateek Jain, N Udupa. Development of fast dissovling oral films containing lercanidipine HCI nanoparticles in semicrystalline polymeric matrix for enhanced dissolution and ex vivo permeation. European Journal of Pharmaceutics and Biopharmaceutics. 2016, 103, 179-191
- 60. Phani Krishna Kondamudi, Phani Prasanth Tirumalasetty, Rajkumar Malayandi, Srinivas Mutalik, and Raviraj Pillai. Lidocaine Transdermal Patch: Pharmacokinetic Modeling and In Vitro-In vivo Correlation (IVIVC). American Association of Pharmaceutical Scientists. June 2016, 17(3), 588-596
- 61. Saurabh Dubey, Kiran Avadhani, Srinivas Mutalik, Sangeetha Madambithara Sivadasan, Biswajit Maiti, Joydeb Paul, Shivani Kallappa Girisha, Moleyur Nagarajappa Venugopal, Stephen Mutoloki, Oystein Evensen, Indrani Karunasagar and Hetron Mweemba Munang andu. Aeromonas hydrophila OmpW PLGA Nanoparticle Oral Vaccine Shows a Dose Dependent Protective Immunity in Rohu (Labeo rohita). Vaccines, 2016, 4(2), 1-11.
- 62. AB Shreya, Renuka S Managuli, Jyothsna Menon, Lavanya Kondapalli, Aswathi R Hegde, Kiran Avadhani, Pallavi K Shetty, Muthukumar Amirthalingam, Guruprasad Kalthur and Srinivas Mutalik. Nano- transfersomal formulations for transdermal delivery of asenapine maleate: in vitro and in vivo performance evaluations. Journal of Liposome Research. June 2016, 26(3), 221-232.
- 63. Pradeepa, Akshay D Shetty, Koshi Mathews, Aswathi R Hegde, B Akshatha, Alvita Betilla Mathias, Srinivas Mutalik, SM Vidya. Multidrug resistant pathogenic bacterial biofilm inhibition by Lactobacillus plantarum exopolysaccharide. Bioactive Carbohydrate and Dietary Fibre. June 2016, 8; 7-14.
- 64. Guruprasad Nayak, Sachin D Honguntikar, Sneha Guruprasad Kalthur, Antony Sylan D' Souza, Srinivas Mutalik, Manjunath M Setty, Raksha Kalyankumar, Hanumanthappa Krishnamurthy, Guruprasad Kalthur, Satish Kumar Adiga. Ethanolic extract of Moringa oleifera Lam. leaves protect the pre-pubertal spermatogonial cells from cyclophosphamide-induced damage. Journal of Ethnopharmacology, June 2016, 182, 101-109.
- 65. Chandrakant Pawar, Pragna Rao, Leslie Lewis, Sudheer Moorkoth. Development of A GC MS Bio Analystical Method to detect organic Acidemia in Neonatal/ Paediatric Urine Sample. International Journal of Pharmacy and Technology, June 2016, 8(2), 13110-13124.
- 66. Sakaram Kashyap Khatri, Mahalaxmi Rathnanand, Nikhila R. Formulation and Evaluation of Wound Healing Activity of Linezolid Topical Preparations on Diabetic Rats. International Journal of Applied Pharmaceutics. 2016, Vol 6(3), 30-36.
- 67. Jain P, Tiwari M, Kumar N, Chonkar A, Rao JV, Udupa N. Oral Administration of Decitabine Nanoparticles Effectively Suppresses Nmu-Induces Leukaemia in Sprague Dawley Rats and Arrests K562 Cells in S-Phase.International Journal of Pharmaceutical and Clinical Research 2016, 8(8), 1260-1268.
- 68. Janhavi Dabir, Elizabeth Mary Mathew, Sudheer Moorkoth. Analytical Method Development and Validation of RP-HPLC Method for Simulataneous Estimation of N-acetyl cysteine and Cefexime from its Fixed Dose Combinationa. Research Journal of Pharmaceutical and Technology, July 2016, 9(1), 835-841.

- 69. Siddharth Jadeja, Girish Pai Kulyadi and Muddukrishna Badamane Sathyanarayana, Adoption and Reasons for Withdrawal of ICH Q1F Guidelines. Journal of Young Pharmacists, Oct Dec 2016, Vol8(4), 500-504.
- 70. Girish Pai Kulyadi & Muddukirshna Badamane Sathyanarayana. Stability Indicating HPTLC Determination of Triamcinalone Acetonide in Bulk Drug and Sterile Injectable Suspension. Journal of Young Pharmacists, 2016, 8(4), 430-435.
- 71. Harish Kumar, Mihir Savaliya, Subhankar Biswas, Pawan G Nayak, Naseer Maliyakkal, M Manjunath Setty, Karthik Gourishetti,. K Sreedhara Ranganath Pai. Assessment of the in vitro cytotoxicity and in vivo antitumor activity of the alcoholic stem bark extract / fractions of Mimusops elengi Linn. Cytotechonology July 2016, 68, 861-877
- 72. Grandhi Venkata Ramalingayya, Pawan G Nayak, Rekha R Shenoy, Chamallamudi Mallikarjuna Rao, Krishnadas Nandakumar. Female rats induced with mammary cancer as relevant animal model for doxorubicin induced chemobrain in vivo. Clinical and Experimental Pharmacology and Physiology, September 2016, 43(9), 862-863.
- 73. Praful Balavant Deshpande, Aravind Kumar Gurram, Amruta Deshpande, Gopal Venkatesh Shavi, Prashant Musmade, Karthik Arumugam, Ranjith Kumar Averineni, Srinivas Mutalik, Meka Sreenivasa Reddy, Nayanabhirama Udupa. A novel nanoproliposomes of lercanidipine: Development, in vitro and preclinical studies to support its effectiveness in hypertension therapy. Life Sciences, August 2016, 162, 125-137.
- 74. Kiran S Avadhani, Muthukumar Amirthalingam, Meka Sreenivasa Reddy, Nayanabhirama Udupa, Srinivas Mutalik. Development and Validation of RP-HPLC Method for Estimation of Epigallocatechin 3- gallate (EGCG) in lipid based Nanoformulations. Research Journal of Pharmaceutical and Technology, June 2016, 9(6), 725-729.
- 75. Sonia D'souza, Muddu Krishna, Gude Sai Sushmitha and S. G. Vasantharaju. Stability Indicating Assay Method Development and Validation to Simultaneously Estimate Metformin Hydrochloride and Canagliflozin by RP-HPLC. Current Trends in Biotechnology and Pharmacy, October 2016, Vol. 10 (4) 334-342.
- 76. Arpitha Rao, Guruprasad Nayak, Sandhya Kumari, Amratha D Prabhu, Nalini Khandige, Sneha Guruprasad Kalthur, Srinivas Mutalik, Guruprasad Kalthur, Satish Kumar Adiga. Ethambutol induced testicular damage and decreases the sperm functional competence in Swiss albino mice. Environmental Toxicology and Pharmacology, 2016, 47, 28-37.
- 77. Leelavathi D Acharya, NR Rau, N Udupa, Surulivel Rajan M, Vijayanarayana K. Trends in Prescribing Antihypertensive Medications and Lipid Lowering Therapy in type- 2 Diabetic Patients in South Indian Tertiary Care Hospital. Research Journal of Pharmaceutical and Technology, July 2016, 9(7), 857-863.
- 78. Saleemulla Khan and Aswatha Ram HN. Innovations and Advancements Herbal Drug Standardization: A Review. International Journal of Research in Ayurveda and Pharmacy, July August 2016, 7(3), 130-135.
- 79. Reema Narayan, Mohan Singh, Omprakash Ranjan, Yogendra Nayak, Sanjay Garg, Gopal V Shavi, Usha Y Nayak. Development of risperidone lipsomes for brain targeting through intranasal route. Life Sciences, September 2016, 163, 38-45.
- 80. Ravishankar Kumar, Nitesh Kumar, Grandhi V Ramalingayya, Manganahalli Manjunath Setty, Karkala Sreedhara Rangnath Pai. Evaluation of Cieba pentandra (L.) Gaertner bark

- extracts for in vitro cytotoxicity on cancer cells and in vivo antitumor activity in solid and liquid tumor models. Cytotechnology, 2016, 68(5), 1909-1923.
- 81. Muddukrishna BS, Swapnil L Dengale, Gautham G Shenoy, Krishnamurthy Bhat. Preparation, Solid State Characterisation of Faclitaxel and Naringen Cocrystals with Improved Solubility. International Journal of Applied Pharmaceutics, Vol 8(4), 2016, 32-37.
- 82. Shruti Khurana, Madhavan Nampothiri, Jayesh Mudgal. Behavioural Assessment of Nicotinic Acid, A GPR109a Receptor Agonist against Memory Deficit in Rats. International Journal of Pharmaceutical Sciences Review and Research. Oct 2016, 40(1), 313 317.
- 83. Jayesh Mudgal, Priya Shetty, Neetinkumar D Reddy, HS Akhila, Karthi Gourishetti, Geetha Mathew, Pawan G Nayak, Nitesh Kumar, Anoop Kishore, Nampurath G Kutty, Krishnadas Nandakumar, Rekha R Shenoy, Chamallamudi M Rao and Alex Joseph. In vivo Evaluation of Two Thiazolidin 4- one Derivatives in High Sucrose Diet Fed Pre -diabetic Mice and Their Modulatory Effect on AMPK, Akt and p38 MAP Kinase in L6 Cells. Frontiers in Pharmacology, October 2016, Vol 7(1), 1-10.
- 84. Sanchari Basu Mallik, Jayesh Mudgal, Madhavan Nampoothiri, Susan Hall, Shailendra Anoopkumar Dukie, Gary Grant, C Mallikarjuna Rao, Devinder Arora. Caffeic acid attenuates lipopolysaccharide-induced sickness behaviour and neuroinflammation in mice. Neuroscience Letters, Oct 2016, 632, 218-223.
- 85. Arlene Thomas, Niraja Ranadive, Harisha Nayak, Sneha Surendran, Madhavan Nampoothiri, Jayesh Mudgal and Yogendra Nayak. In vitro Cytotoxicity Activity of Chrysin, Morin and Resveratrol Against MCF-7 Breast Cancer Cell Lines. Biosciences Biotechnology Research Asia. Sept. 2016, Vol 13(3), 1633-1637
- 86. Vutturu Ganga Prasad, Neetinkumar Reddy, Albi Francis, Pawan G Nayak, Anoop Kishore, Krishnadas Nandakumar, Mallikarjuna C Rao, Rekha Shenoy. Sambar, an Indian Dish Prevents the Development of Dimethyl Hydrazine- Induced Colon Cancer: A Preclinical Study. Pharmacognosy Magazine, Sep 2016, Vol 12(47), S441-S445.
- 87. Manjunatha Bhat, Nagaraja GK, Divyaraj P, Harikrishna N, Sreedhara Ranganath Pai, Subhankar Biswas and Peethamber SK. Design, Synthesis, Characterization of Some New 1,2,3-triazolyl Chalcone Derivatives as Potential Anti-microbial, Anti- oxidant and Anti-cancer Agents via a Claisen–Schmidt Reaction Approach. RSC Advances, October 2016, 6, 99794-99808
- 88. Laurita dos Santos, Joao Lucas Rangel, Vamshi Krishna Tippavajhala, Michely Glenda Pereira da Silva, Borys Mogilevych, Airton Abrahao Martin. In vivo intra -individual variability study of human stratum corneum by confocal Raman spectroscopy. Vibrational Spectroscopy, 2016, 87, 199-206.
- 89. Anusha, Mallikarjuna Rao Chamallamudi, Jayesh Mudgal, Madhavan Nampoothiri. An Insight in to the Efficacy of Dehydrozingerone against Aluminium Induced Cognitive Dysfunction in Rats. International Jouranl of Pharmaceutical Sciences Review Research., July August 2016, 39(1), 70-73.
- 90. Lalit Kumar, Sreyas and Ruchi Verma. Determination of Saturated Solubility of Propranololusing UV Visible Spectrophotometer, Der Pharmacia Lettre, 2016, 8 (17):196-201.

- 91. Angel Treasa Alex, Alex Joseph, Gopal Shavi, Josyula Venkata Rao and Nayanabhirama Udupa. Development and Evaluation of carboplatin -loaded PCL nanoparticles for intranasal delivery. Drug Delivery, November 2016, 23(7), 2144-2153.
- 92. Puralae Channabasavaiah Jagadish, Kotehal Parameshwarappa Latha, Jayesh Mudgal, Gopalan Kutty Nampurath. Extraction, characterization and evaluation of Kaempferia galanga L. (Zingiberaceae) rhizome extracts against acute and chronic inflammation in rats. Journal of Ethnopharmacology, October 2016, 194 (24), 434-439.
- 93. Vasudev Pai And Aravinda Pai. Molecular docking based approach for the design of novel Luteolin analogues as ppar gamma inhibitors. International Journal of Pharma and Bio Sciences, Oct 2016, 7(4): (P) 288 293.
- 94. Venkatesh Kamath, Richard Lobo, Vasudev Pai and Aravinda Pai. Structure activity relationship of Atropine analogues with muscarinic acetyl choline M1 receptor: A molecular docking based approach. Der Pharma Chemica, Oct 2016, 8(10):221-229.
- 95. Nimmy Kumar, Subhankar Biswas, Asha Elizabeth Mathew, Subin Varghese, Jessy Elizabeth Mathew, K Nandakumar, Jesil Mathew Aranjani and Richard Lobo. Pro-apoptotic and cytotoxic effects of enriched fraction of Elytranthe parasitica (L.) Danser against HepG2 Hepatocellular carcinoma. BMC Complementary and Alternative Medicine, October 2016, 16,420, 1-11.
- 96. Srikanth M, Pradeep M, Ligade V S. Attitude of Retail Chemist towards Medical Representative: A Survey. International Journal of PharmTech Research, October 2016, 9(3), 387-391.
- 97. S. Tanya, K. M. Arbind, Virendra S Ligade. Selection of brand names for a drug by Indian pharmaceutical companies. Current Sciences, October 2016, Vol111(8), 1285-1286
- 98. Sai Vijay M, D Viswanath Guptha, Muddu Krishna B S, S G Vasantharaju. Stability Indicating Assay Method Development and Validation of Naratriptan Hydrochloride By RP–HPLC. Research Journal of Pharmacy and Technology, August 2016, 9(8), 1177-1182
- 99. Swastika Maity, Sachin Kumar, Desaraju Sushmita, Saleemulla Khan and Chandrashekar KS and Aswatha Ram HN. Standardisation of Navayasa Churna for its Piperine content by UV Spectrophotometric and HPTLC methods. Der Pharmacia Lettre, 2016, 8(18): 197-201
- 100. Raviraj Anand Devkar, Shilpee Chaudhary, Sahiti Adepu, Seena Kanniparambil Xavier, Kodangala Subraya Chandrashekar and Manganahalli Manjunath Setty. Evaluation of antiurolithiatic and antioxidant potential of Lepidagathis prostrata: A Pashanbhed plant.Pharmaceutical Biology, 2016, 54(7), 1237-1245.
- 101. Narayanan Kasinathan, Muthukumar Amirthalingam, Neetinkumar D Reddy, Meenashi B Vanthi, Subrahmanyam M Volety & Josyula Venkata Rao. Polycaprolactone-based in situ implant containing curcumin-PLGA nanoparticles prepared using the multivariate technique. Artificial Cells, Nanomedicine, and Biotechnology, November 2016, 44(6), 1520-1528.
- 102. Vasudev Pai, CS Shreedhara, Chandrashekar KS, Arvinda Pai, Venkatesh Kamath. Cognitive Enhancement and Neuroprotective Effects of Ancient Ayuredic Medicinal Plant Celastrus Paniculatus: An Overview. Research Journal of Pharmaceutical and Technology, August 2016, 9(8), 1-4.
- 103. Saurabh Dubey, Kiran Avadhani, Srinivas Mutalik, Sangeetha Madambithara Sivadasan, Biswajit Maiti, Shivani Kallappa Girisha, Moleyur Nagarajappa Venugopal, Stephen

- Mutoloki, Øystein Evensen, Indrani Karunasagar and Hetron Mweemba Munang andu. Edwardsiella tarda OmpA Encapsulated in Chitosan Nanoparticles Shows Superior Protection over Inactivated Whole Cell Vaccine in Orally Vaccinated Fringed-Lipped Peninsula Carp (Labeo fimbriatus). Vaccines, August 2016, 4(40), 2-14
- 104. S Das, S Singhal, N Kumar, CM Rao, S Sumalatha, J Dave, R Dave & K Nandakumar. Standardised extract of safed musli (Chlorophytum borivilianum) increases aphrodisiac potential besides being safe in male Wistar rats. Andrologia, Dec 2016, 48(10), 1236-1243.
- 105. Mahes Udutha, Girish Pai K, Baldha Parinkumar & Muddukrishna BS. Functionality Evaluation of excipients manufactured by different manufacturers. Journal of Global Pharma Technology, Oct 2016, 10(8), 1-17
- 106. P Vasanth Raj, Jayesh Mudgal, Neetinkumar D Reddy, C Mallikarjuna Rao, Punit Bansal, Amita Rai, Nitesh Kumar. In vitro and in vivo Hepatoprotective Action of L-α-hosphatidylcholine in Alcohol induced Toxicity Model. International Journal of Pharmaceutical Sciences Review and Research, 41 (4). pp. 171-176.
- 107. GN Ramesh, B Prathima, Y Subba Rao, YP Reddy, KSR Pai, A Varada Reddy. Synthesis, spectroscopic and anti tumor studies copper (II) complex of othohydroxypropiophenoneisonicotinoylhydrazone. Arabian Journal of Chemistry, December 2016, 9(9), 404-410.
- 108. Vivek M Ghate, Shaila A Lewis, Prabhakara Prabhu, Akhilesh Dubey, Nilkumar Patel. Nanostructured lipid carriers for the topical delivery of tretinoin. European Journal of Pharmaceutics and Biopharmaceutics. November 2016, 108(1), 253-261.
- 109. Manjunatha Bhat, Nagaraja GK,Reshma Kayarmar, Sreedhara Ranganath Pai K, Subhankar Biswas and Mohammed Shafeeullah R. 1,2,3- Triazolyl pyrazole derivatives as anti-cancer agents: biological evaluation and molecular docking. Der Pharma Chemica, December 2016, 8(19), 200-221.
- 110. Subhankar Biswas, Rashmi Pardeshi, Neetinkumar D Reddy, Muhammed Haneefa Shoja, Pawan G Nayak, M Manjunath Setty, K Sreedhara R Pai. Bulbophyllum sterile petroleum ether fraction induces apoptosis in vitro and ameliorates tumor progression in vivo. Biomedicine & Pharmacotherapy, December 2016, 84, 1419-1427.
- 111. Anuj Narang, Usha Y Nayak, Bisakha Roy, Reema Narayan. Formulation Design of Bilayer Dual- Release Tablet composition of Fexofenadine HCI and Montelukast Sodium. Research Journal of Pharmaceutical and Technology, September 2016, 9(9), 1410-1416.
- 112. Muddukrishna BS, Vamshi Krishna T, Lalit Kumar, M Sreenivasa Reddy, Thunga Girish, Girish Pai K. Personnel Hygiene in Pharmaceuticals: Its importance and requirements for personnel involved in the manufacturing of quality medicines. Research Journal of Pharmacy and Technology, October 2016, 9(10), 1647-1649.
- 113. Suhaj Abdulsalim, Munawar Peringadi Vayalil & Sonal Sekhar Miraj. New fixed dose chemical combinations: the way forward for better diabetes type II management?. Expert Opinion on Pharmacotherapy, 2016, Vol17(16),2207–2214.
- 114. Nazare Lobo John Shane, Ashish Hanumantrao Chamle, Vasantharaju SG, Aravind Pai and Muddukrishna BS. Method Development and Validation for the estimation of ticargrelor in bulk and comparison with other published methods. Journal of Global Pharma Technology, Dec 2016, Vol 8(12) 1-6.

- 115. Bedi Smriti, Gude Sushmitha, Krishna Muddu, Vasantharaju SG. Novel RP-HPLC Method for the quantification of abiraterone acetate. Journal of Global Pharma Technology, December 2016, 8(9), 1-9.
- 116. Pradeep M Muragundi, Anil M Tumkur, Ranjan Shetty K, Nayanabhirama Udupa, Ananth N Naik. Economic and Humanistic Outcomes among Patients Receiving Percutaneous Coronary Intervention in a tertiary care hospital of South India. International Journal of Pharmaceutical Sciences Review and Research. November December 2016, 41(2), 177-182.