

Publications (187)

Department of Pharmaceutics (Total: 57)

- 1) Jojo GM, Kuppusamy G, De A, Karri VN. Formulation and optimization of intranasal nanolipid carriers of pioglitazone for the repurposing in Alzheimer's disease using Box-Behnken design. Drug development and industrial pharmacy. 2019;45(7):1061-72. (Impact factor:2.2)
- 2) Sai SNU, Raman SK. In-Vitro and In-vivo models for Tuberculosis and tuberculous meningitis. An update on novel technologies. International Journal pharmaceutical sciences and research. 2019; 10(7):1000-15.
- 3) Chenmala K, Raman SK. Formulation and in-vitro characterization of 5-fluorouracil and flavonoid dual lipid drug conjugates loaded self nanomulsifying drug delivery system for cancer targeting. International Journal pharmaceutical sciences and research. 2019;10(8):1000-10.
- 4) Natarajan J, Sanjeev C, Justin A, JeyaPrakash MR, Wadhvani AD, Anjali PB. Design and Evaluation of Aceclofenac Nano clay for Improved Oral Bioavailability. Journal of Pharmaceutical Sciences and Research. 2019;11(2):671-9.
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- 6) Raman S. Flavonoids as Adjuvant in Psoralen-based Phytochemotherapy in the Management of Vitiligo/Leukoderma. Asian Journal of Pharmaceutics. 2019; 13(2):85-91.
- 7) Puttappa N, Kumar RS, Kuppusamy G, Radhakrishnan A. Nano-facilitated drug delivery strategies in the treatment of plasmodium infection. Actatropica. 2019;195:103-14. (IF:2.2)
- 8) Kuppusamy G, De A, Jaiswal A, Chatterjee A. Placenta Barrier and Drug Delivery. Research Journal of Pharmacy and Technology. 2019;12(5):2545-52.
- 9) Mythili L, Ganesh GN, Monisha C, Kayalvizhi R. Ocular Drug Delivery System-An Update Review. Research Journal of Pharmacy and Technology. 2019;12(5):2527-38.
- 10) Ganesh GN, Singh MK, Datri S, Karri VV. Design and Development of Curcumin Nanogel for Squamous Cell Carcinoma. Journal of Pharmaceutical Sciences and Research. 2019;11(4):1683-91.
- 11) Senthil V, Paul A. Stem Cell Research-A Review on the Latest Indian Guidelines. Journal of Pharmaceutical Sciences and Research. 2019;11(4):1160-4.
- 12) Radhakrishnan A, Kuppusamy G, Venkatachalam S, Vijayakumar R, Shanmukhan NK. Personalized Nano Delivery Strategy in Treating Uveitis. Research Journal of Pharmacy and Technology. 2019;12(4):1997-2008.
- 13) Raahulan S, Sanapalli BK, Pindiprolu SK, Karri VV. Transfersome vs liposomes as drug delivery vehicle for the treatment of skin cancers. International Journal of Research in Pharmaceutical Sciences. 2019;10(3):1795-1807.

- 14) Janani SK, Kumar RS, Karthika C, Vasanthi C, Kapoor SR. Study on Formulation development and shelf life indicating stability of Artesunate loaded Self-nanoemulsifying Drug Delivery System. Research Journal of Pharmacy and Technology. 2019;12(7):3228-36.
- 15) ChenmalaK, Sureshkumar R, Dheepak U, Janani SK, Sai SNU. Formulation development and ion vitro characterization of solid self nano emulsifying drug delivery system for curcumin to target colon adenocarcinoma. Research Journal of Pharmacy and Technology. 2019;12:7-38.
- 16) Raman S. A Comprehensive Review on Acne, its Pathogenesis, Treatment, In-Vitro and In-Vivo Models for Induction and Evaluation Methods. International Journal of Pharmaceutical Sciences and Research. 2019;10(7):3155-77.
- 17) Upadhyayula SS, Sureshkumar R. An update on novel technologies, in-vitro and in-vivo models for tuberculosis and tuberculous meningitis. International journal of pharmaceutical sciences and research. 2019;10(7):3129-43.
- 18) Karthika C, Sureshkumar R, Suhail A. Formulation development and in vitro evaluation of curcumin-loaded solid self-nanoemulsifying drug delivery system for colon carcinoma. Asian Journal of Pharmaceutical and Clinical Research. 2019;28:243-7.
- 19) Venkatachalam S, Jaiswal A, De A, Vijayakumar RK. Repurposing Drugs for Management of Alzheimer Disease. Research Journal of Pharmacy and Technology. 2019;12(6):3078-88.
- 20) Jaani M, Venkatesh ND. Pharmacovigilance-A Master Key for Drug Safety. Journal of Pharmaceutical Sciences and Research. 2019;11(5):1963-70.
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- 23) Radhakrishnan A, Venkatachalam S, Paruchuri B. Design and Development of Valsartan Loaded Solid Lipid Nanoparticles for the Enhanced Protection from Diabetic Neuropathy. Nano Biomed Eng. 2019;11(3):306-12.
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- 25) Raahulan S, Sanapalli BK, Karri VV. Paclitaxel loaded transfersomal vesicular drug delivery for the treatment of melanoma skin cancers. International Journal of Research in Pharmaceutical Sciences. 2019;10(4):2891-7.
- 26) Kalaivani C, Kuppusamy G, Karri VV. Simvastatin Loaded Polycaprolactone-collagen Scaffolds for the treatment of Diabetic Foot Ulcer. Research Journal of Pharmacy and Technology. 2019;12(6):2637-44.

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- 31) Rohithkrishnan V, Senthil V, Arun R. Review on Nanosponge - A Contemporary Drug Delivery Approach. *Journal of Global Pharma Technology*. 2019;11(5):1-10.
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- 33) Karthika C, Sureshkumar R. Can curcumin along with chemotherapeutic drug and lipid provide an effective treatment of metastatic colon cancer and alter multidrug resistance?. *Medical hypotheses*. 2019;132:109325.
- 34) AshithaSM, Raman S. An Overview on Herbal Sunscreen Formulation And Sun Protection Factor Value. *Journal of Pharmaceutical and Scientific innovation*. 2019;8(4):127-35.
- 35) Vignesh M, Raman S. Implementing Haemovigilance in India as a National Perspective. *Applied Clinical Research, Clinical Trials& Regulatory Affairs*. 2019;7:1-8.
- 36) Janani SK, Raman S. A Comprehensive Review on Acne, its Pathogenesis, Treatment, In-Vitro and In-Vivo Models for Induction and Evaluation Methods. *International Journal of Pharmaceutical Sciences and Research*. 2019;10(7):134-42
- 37) Jawahar N, Baruah UK, Singh V. Co-delivery of chloroquine phosphate and azithromycin nanoparticles to overcome drug resistance in malaria through intracellular targeting. *Journal of Pharmaceutical Sciences and Research*. 2019;11(1):33-40.
- 38) Anbarasan A, Nataraj J, Shanmukhan N, Radhakrishnan A. Effect of hygroscopicity on pharmaceutical ingredients, methods to determine and overcome: an overview. *Journal of Chemical and Pharmaceutical Research*. 2019;11(1):6-10.
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- 40) Dhandapani NV, Preety R, Raman R. Enhanced oral bioavailability of tenofovir from ionotropically gelled microbeads. *International Journal of Applied Pharmaceutics*.2019;11(4):242-50.
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**Publications jointly with other National/International
Universities/Organizations/Industries**

- 52) Jyoti J, Anandhakrishnan NK, Singh SK, Kumar B, Gulati M, Gowthamarajan K, et al. A three-pronged formulation approach to improve oral bioavailability and therapeutic efficacy of two lipophilic drugs with gastric lability. *Drug delivery and translational research*. 2019;9(4):848-65. (Impact factor: 3.395). (Lovely Professional University, Punjab, India)

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- 54) Kunjiappan S, Theivendran P, Baskararaj S, Sankaranarayanan B, Palanisamy P, Saravanan G, et al. Modeling a pH-sensitive Zein-co-acrylic acid hybrid hydrogels loaded 5-fluorouracil and rutin for enhanced anticancer efficacy by oral delivery. *3 Biotech*. 2019;9(5):185. (Impact Factor:1.42) (Vellore Institute of Technology, Vellore, India)
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- 56) Kumari Y, Kaur G, Kumar R, Singh SK, Gulati M, Khursheed R, et al. Gold nanoparticles: New routes across old boundaries. *Advances in Colloid and Interface Science*. 2019;17:102037 (Lovely Professional University, Punjab, India)
- 57) Rajamani S, Sengodan T, Thangavelu S, Shanmukhan NK, Radhakrishnan A. Naringenin-Loaded TPGS Polymeric Nanosuspension: In-Vitro and In-Vivo Anti-Inflammatory Activity. *Indonesian Journal of Pharmacy*. 2019;30(3):225. (Nandha college of Pharmacy, Erode).

Department of Pharmaceutical Chemistry (Total: 23)

- 58) Azam MA, Saha N, Jupudi S. An explorative study on Staphylococcus aureus MurE inhibitor: induced fit docking, binding free energy calculation, and molecular dynamics. *Journal of Receptors and Signal Transduction*. 2019;39(1):45-54. (Impact factor: 1.78)
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- 60) Azam MA, Jupudi S. Structure-based virtual screening to identify inhibitors against Staphylococcus aureus MurD enzyme. *Structural Chemistry*. 2019;30(6):2123-33. (Impact factor : 2.02)
- 61) Santhosh SB, Nanjan MJ, Chandrasekar MJ. Ovarian solid tumors: Current treatment and recent developments using stimuli-responsive polymers: A systemic review. *Journal of Drug Delivery Science and Technology*. 2019;51:621-8. (Impact factor : 2.297)
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- 65) Tripathy S, Sahu SK, Azam MA, Jupudi S. Computer-aided identification of lead compounds as Staphylococcal epidermidis FtsZ inhibitors using molecular docking, virtual screening, DFT analysis, and molecular dynamic simulation. *Journal of molecular modeling*. 2019;25(12):360-72.
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- 80) Tripathy S, Sahu SK, Azam MA, Jupudi S. Computer-aided identification of lead compounds as Staphylococcal epidermidis FtsZ inhibitors using molecular docking, virtual screening, DFT analysis, and molecular dynamic simulation. *Journal of molecular modeling*. 2019;25(12):360. (Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar).

Department of Pharmacognosy (Total: 09)

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- 94) Vadivelan R, Punitha N, Triveni J, Gautam A. Osteoporosis: a review on treatment and screening. European Journal of Biomedical & Pharmaceutical sciences. 2019;6(3):239-44.

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- 104) Vadivelan R. Antiparkinson's activity of Sorafenib in 6 OHDA induced rat model. *International Journal of Pharmaceutical Sciences & Research*. 2019;10(9):4257-63.
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