

DEPARTMENT OF PHARMACEUTICS
SRI RAMACHANDRA FACULTY OF PHARMACY
SRIHER (DU), PORUR, CHENNAI -116.
PUBLICATIONS BY THE FACULTY

PERIOD FROM JULY 2019 to JUNE 2023

2023

1. Jai Pratap N, **Saba Maanvizhi**. Regulatory Approval Pathway for COVID-19 Vaccine in USA, Europe and India, *Annals of Medicine and Surgery*, 2023; 85:860–867.
2. AnjuParambil, **Saba Maanvizhi**, Arul Kuttalingam, VellapandianChitra. Spray-dried chitosan microspheres for sustained delivery of trifluoperazine hydrochloride: Formulationand *in-vitro* evaluation, *International Journal of Applied Pharmaceutics*, 2023, 15(3), 200-207.
3. Divyambika Catakapatri Venugopal, Reshma Devi Senthilnathan, Saba Maanvizhi, YsasveMadhavan,SathasivasubramanianSankarapandian, Vijayalakshmi Ramshankar MangathayaruKalachaveedu.Preparation and characterization of silymarin gel: A novel topical mucoadhesive formulation for potential applicability in oral pathologies, *Gels*, 2023, 9(2), 139, 1-14.
4. Jisha Mohanan,**Gopinath Subramaniyan**, Arul kuttalingam, Damodharan Narayanasamy., Implementing central composite design for the development of tacrolimusfilm for sublingual administration, *International Journal of Applied Pharmaceutics*, 2023; 15 (3), 35-42.
5. Deepavalli Arumuganainar, **Gopinath Subramanian**, SanthoshBasavarajappa, Mohamed Ibrahim Hashem, KurumathurVasudevanArun, SubbusamyKanakasabapathyBalaji, Pradeep Kumar Yadalam, BaskarVenkidasamy and RamachandranVinayagam., Bioactive Efficacy of Identified Phytochemicals Solasodine, Lupeol and Quercetin from *Solanumxanthocarpum* against the RgpB Protein of *Porphyromonasgingivalis*—A Molecular Docking and Simulation Analysis., *Processes* 2023; 11, 1887, 1-19.
6. **S. Nagalakshmi** , SuthaharTeshini, E. Shoba, ShyamMadhavan, Suresh Shilpa, S. Sintinya, Design, Development and Characterization of Hyaluronic Acid Based

- pH Sensitive Liposomal In Situ Gel for the Treatment of Keratoconjunctivitis Sicca, *Journal of Drug Delivery & Therapeutics*. 2023; 13(1):17-25.
7. Pavithra S, Stephen P, Murugan M, Rohit Jain R, Durga N and **Nagalakshmi S**. Bioavailability Enhancement of Albendazole Chewable Tablet with Improved Dissolution using Design of Experiment (DoE), *Indian Journal of Natural Sciences*. 2023; 13(76) : 51877-51892.
 8. Nagalakshmi S, Tejas DS, Yamini M, Taaha ZN, Monisha RL, Anumita G , Logeswaran K. Fabrication and Characterization of Tolnaftate Loaded Topical Nanoemulgel for the Treatment of Onychomycosis, *International Journal of Drug Delivery Technology*. 2023; 13(2):461-467.
 9. Preetika S, Indhuja V and **Sowmya C**, Oral submucous fibrosis: A review on current treatment approaches, *World Journal of Biology Pharmacy and Health Sciences*, 2023, 13(02), 157–162.
 10. R. Sathyalakshmi, N. Jaipratap and **C. Sowmya**, The Current Registration Regulations Of Cosmetic Products In “Brics” Countries, *International Journal of Pharmaceutical Sciences and Research*, 2023; 14(4): 1660-1667.
 11. **Sowmya Cherukuri**, Anitha Paramanayagam, Prabakaran, Mayakannan, Lavakumar Vuppalapati, Evaluation of Cutaneous Wound Healing Activity of Citrus aurantium Fruit Peel Extract-based Ointment in Albino Rats, *Research Journal of Pharmacy and Technology*, 2023, 16(1): 250 - 254.
 12. N. Jaipratap, C. Sowmya, Complex Generics: An Overview of Current Regulatory Framework in The United States & European Union: The Need of Centralization, *GRADIVA REVIEW JOURNAL* 2023 9(2): 671-690.

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1. Sridevi Manni Gopalakrishnan, Shoba Elangovan, Sathyalakshmi Ramesh, **Saba Maanvizhi**. Current approach on covid-19 for emergency use authorization in Europe: Sotrovimab, *Journal of Young Pharmacists*, 2022, 14(4), 372-376.
2. **Saba Maanvizhi**, Narayanaswamy Radhakrishnan, Chitra Krishnan, Arumugam Gnanamani. Pharmacological evaluation of embelin- chitosan nanoparticles as an antidiabetic agent, *Indian Journal of Pharmacology*, 2022, 54(2), 126-130.

3. Aruna.E, Sree.P, **Saba Maanvizhi**. The impact of online resources on student-teacher relationship during quarantine- A comparison study, *Gradiva Review Journal*, 2022, 8(1), 172-182.
4. Rajesh P. Ampapuram, Ramakrishnan S. Rajendran, **Gopinath Subramaniyan**. 3² Factorial Design Screened *Abelmoschu sesculentus* Fruit Mucilage abetted Floating Microspheres of Clarithromycin for Exterminating *Helicobacter pylori*, *International Journal of Pharmaceutical Sciences and Drug Research*, 2022;14(2):209-213.
5. Rajesh PavanAmarapuram, Ramakrishnan SR, **Gopinath S**. A Metronidazole-Modeled Central Composite Design Strategy for *Plantagoovata* Seed Mucilage-Supported Floating Microspheresfor *Helicobacter pylori* Eradication., *Advances in Pharmacology and Pharmacy*, 2022; 10(4): 309-317.
6. AbarnadevikaAlagiri, AriharasivakumarGanesan,AnushaDhakshinamoorthi, **S.Nagalakshmi**, The Phytochemical, nutritional and pharmacological properties of *Cleome gynandra* L.: A review to promote the conservation and exploitation, *Dickensian Journal*,2022;22(5), 1236-1247.
7. Pavithra G.M., **Nagalakshmi S**. Impacts of International Council for Harmonization Q12 (ICH Q12) in Lifecycle Management of the Post-Approval Changes, *International Journal of Drug Delivery Technology*,2022;12(2):924-928.
8. Ravi Ram Narayanan, NarayanamoorthyDurga, **Sethuraman Nagalakshmi**. Impact of Artificial Intelligence (AI) on Drug Discovery and Product Development, *Indian Journal of Pharmaceutical Education and Research*,2022;54(4):843-846.
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10. Allan Joshua I., A. Roshini, R. Jagadeeshkumar, S. Varshini, S. Manikandan and S. **Nagalakshmi**. Design, Development, and Evaluation of Microsponge Loaded Topical Gel Using Design Expert With Benzoyl Peroxide for the Treatment of Acne Vulgaris, *Journal of Cosmetic Science*, 2022; 73, 314–328.

11. SatheshkumarKesavan, DeepaSelvaraj, SathiamurthiPerumal, ArockiarajanArunachalakasi, NaliniGanesan, Senthil Kumar Chinnaiyan, MadhanBalaraman. Fabrication of hybrid povidone-iodine impregnated collagen-hydroxypropyl methylcellulose composite scaffolds for wound-healing application. *Journal of Drug Delivery Science and Technology*, 2022; 70:103247
12. **Cherukuri Sowmya**, Thiruppathi M, VuppapapatiLavakumar. Formulation and optimization of novel dexibuprofen-Aloe vera deformable emulgels for enhanced anti-inflammatory activity. *Journal of Drug Delivery Science and Technology*. 2022 , 69:103171.
13. **Sowmya C**, Kumar VL, Adhikari B. Optimization and Analysis of Xanthan Gum and Hypromellose Combined Matrices for Extended Release of Ranolazine Using Quality by Design. *International Journal of Pharmaceutical Investigation*. 2022,12(1):87-92.
14. M. Dheepthi, S.U. Mohamed Afreeth, S. SubaDhanisha, M. FathimaBasheera, M. Santhanakumar and **C. Sowmya**, Drug Utilization Pattern of Anti-Diabetic Drugs, *Indo American Journal of Pharmaceutical Sciences*, 2022, 9(2), 1-10.
15. **Sowmya Cherukuri**, LavakumarVuppapapati, Venkateshan Narayanan, Design and Evaluation of Pulsincap System Containing Nanosuspension of Montelukast Sodium for Chronotherapy in Asthma, *Research Journal of Pharmacy and Technology*, 15(10): October 2022, 4758-64.
16. JaipratapN ,Sathyalakshmi R , **Sowmya C**, A Compendium of Tattoo Piercing and Removal Laws in the US, Europe and India, *International Journal of Pharmaceutical Sciences Review and Research*, 77(2), November - December 2022; Article No. 20, Pages: 129-132.
17. **Vignesh M**, Anieshkumar, Sangeethapriya, Sheik fareeth, Suganthi. Regulatory Comparison, Requirements and Approval process of Biosimilars in United States of America and India. *Journal of Pharmaceutical Science & Research*. 2022; 14(11):965-970.

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1. T.V.Ashira, T.Mohamed Rafeeqe, **Saba Maanvizhi**, S. Kathirvel, P.C.Indukala, S.Safeetha.Review for analytical methods for the determination of mefenamic acid, *Journal of Pharmaceutical Research International*, 2021, 33(43B), 426-437.
2. **Saba Maanvizhi**, V.Iyyappan, P.G.Bhavishi. Evaluation of an antifungal luliconazole gel formulation using semi-automatic diffusion cell apparatus and application of mathematical models in drug release kinetics, *European Journal of Molecular & Clinical Medicine*, 2021, 8(4), 231-240.
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8. **Nagalakshmi. S**,Vaishnavi s, Pavithra.Regulatory prototype for cosmetics in India. *Asian Journal of Pharmaceutical and Clinical Research*, 2021;12:7-15.
9. SingaraveluSivakumar, RagothamanMurali, DeepikaArathanaikotti, ArunGopinath, ChinnaiyanSenthilkumar, SatheshkumarKesavan, BalaramanMadhan.Ferulic acid loaded microspheres reinforced in 3D hybrid scaffold for antimicrobial wound dressing. *International Journal of Biological Macromolecules*,2021; 177:463-473.
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5. **Anbarasan B**, Thanka J, Ramaprabhu S, Shanmuganathan S. Optimization and Evaluation of Temperature triggered *in situ* gel formulation using Design of Experiments (DoE) and HET-CAM Test. *Journal of Nanomedicine*, 2020; 3(1):1031.

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