**List of Publications**

**Published Articles**

* **Chaudhari P**, Ghate VM, Lewis SA. Next generation contact lens: Towards Bioresponsive drug delivery and smart technologies in ocular therapeutics. *Eur J Pharm Biopharm*. 2021; 161; 80-99.
* **Chaudhari P**, Ghate VM, Lewis SA. Supramolecular Cyclodextrin Complex: Diversity, Safety, and Applications in Ocular Therapeutics. *Exp Eye Res*. 2019; 189; 107829.
* Dsouza L, **Chaudhari P**, Brahmam B, Lewis SA. Dermaroller mediated transdermal delivery of tizanidine invasomes for the management of skeletal spasms. *Eur J Pharm Sci*. 2021; 165; 105920.
* Das N, Kudarha R, Garkal A, Ghate V, **Chaudhari P**, Lewis SA, et.al. Molybdenum-based hetero-nanocomposites for cancer therapy, diagnosis and biosensing application: Current advancement and future breakthroughs. *J. control. Release.* 2021; 330; 257-283.
* Cyclodextrin based supramolecular ternary complexes: Emerging role of ternary agents on drug solubility, stability and bioavailability, *Critical Reviews in Therapeutic Drug Carrier Systems (Accepted)*
* Ghate VM, **Chaudhari P**, Lewis SA. Physiologically Based Pharmacokinetic (PBPK) Modelling for In Vitro-In Vivo Extrapolation: Emphasis on the Use of Dissolution Data. *Dissolution Technol*. 2019; 26(3):18-27.

**Featured Cover Article**

* Ghate VM, **Chaudhari P**, Maxwell A, Lewis SA, Pahal S, Vemula P, Rethinking Exosomes: From Cell-to-Cell Courier Services to Individualized Medicines. AAPS Magazine, June 2020
* Ghate V, **Chaudhari P**, Lewis SA, Vishalakshi B. Polysaccharide hydrogels in microneedle arrays: Promise for the future? AAPS Newsmagazine. 2019; 14-18.

**Papers Under Consideration**

* **A supramolecular thermosensitive gel of ketoconazole for ocular applications: *In silico*, *in vitro*, and *ex vivo* studies, *International Journal of Pharmaceutics* (Revision, First author).**
* Voriconazole-Cyclodextrin Supramolecular Ternary Complex Loaded Ocular Films for management of fungal keratitis. *Molecular pharmaceutics* (Revision, Co-author)
* Multifunctional role of exosomes in COVID-19 and other viral diseases: From transmission to diagnosis and therapy, *Bio Drugs*, (Under review, First author).
* Recent progress in colloidal nanocarriers loaded in situ gel in ocular therapeutics, *Journal of Drug Delivery Science and Technology*, (Under review, First author).