

PATENTS

Indian Patent (Application No.: 201721030402) “High loading and encapsulation efficient prolong release ultradeformable nano vesicles (UDNVs) of paclitaxel”

Indian Patent (Application No.: 201721019884) “Floating controlled porosity osmotic pump (FCPOP) tablet of Tizanidine”

RESEARCH PAPERS

“Development of dual drug loaded solid self microemulsifying drug delivery system: Exploring interfacial interactions using QbD coupled risk based approach” Vohra A; **Patel CV**; Kumar P; Thakkar HP. *Journal of Molecular Liquids*; Sep-17; 242: 1156–68 (**Impact Factor: 5.065**)

“Development and Evaluation of a Once-Daily Controlled Porosity Osmotic Pump of Tapentadol Hydrochloride” Thakkar HP; Pancholi N; Patel CV. *AAPS PharmSciTech*; Oct-16; 17(5): 1248-60 (**Impact Factor: 2.703**)

“Exploring uterine targeting potential of ^{99m}Tc-Paclitaxel loaded ultradeformable vesicles designed for Endometrial Cancer - A γ -scintigraphic study” *Journal of Controlled Release*; under communication (**Impact Factor: 7.727**)

“Carboplatin loaded ultradeformable vesicles for the management of Endometrial Cancer – In vitro characterization and In vivo efficacy study by ultrasound acoustic imaging” *Ultrasonics Sonochemistry*; under communication (**Impact Factor: 6.513**)

PAPER PRESENTATIONS

“Formulation and development of SSMEDDs for oral bioavailability enhancement of Tizanidine Hydrochloride” Pandya Kartik, Pramanik Sugata, Patel Chintan, Thakkar Hetal; 4th International conference on "Innovation in pharmaceutical research by interdisciplinary approach

“Approaches for siRNA delivery to Potential Tumor Cell Targets”, Chintan V. Patel, Praveen K. Srivastava, Hetal P. Thakkar; 2nd MOSCon (2nd molecular oncology society conference) Molecular Oncology Society

Formulation development of controlled porosity osmotic pump of tapentadol hydrochloride”, Nirav Pancholi, Praveen Kumar, Chintan Patel, Hetal Thakkar; 15th international conference of Controlled release society, Indian chapter

“Application of nanotechnology in delivery of traditional medicines: A combinatorial Approach”, International symposium on recent trends in cancer research from OM to OMICS; GCRI