

PATENT

1. HP Thakkar, SP Thakor, **PK Shrivastava**. Liposomal Dry Powder Inhaler (LDPI) of Azithromycin. IN Patent 2542/MUM/2015

PUBLICATIONS

1. S Amodwala, **P Kumar**, HP Thakkar. Statistically optimized fast dissolving microneedle transdermal patch of Meloxicam: A patient friendly approach to manage arthritis. *Eur J Pharm Sci* 2017; 104(15):114-123.
2. H P Thakkar, H Savsani, **P Kumar**. Ethosomal hydrogel of Raloxifene HCl: statistical optimization & ex-vivo permeability evaluation across microporated pig ear skin. *Curr Drug Deliv* 2016; 13(8): 1-12.
3. D Patel, **P Kumar**, HP Thakkar. Lopinavir metered-dose transdermal spray through microporated skin: Permeation enhancement to achieve therapeutic needs. *J Drug Deliv Sci Tech* 2015; 29: 173-180.
4. KK Patel, **P Kumar**, HP Thakkar. Formulation of niosomal gel for enhanced transdermal Lopinavir delivery and its comparative evaluation with ethosomal gel, *AAPS PharmSciTech* 2012;13(4):1502-10.
5. AM Vohra, CV Patel, **P Kumar**, HP Thakkar. Development of dual drug loaded solid self microemulsifying drug delivery system: Exploring interfacial interactions using QbD coupled risk based approach. *J Mol Liq* 2017; 242:1156-1168.
6. N Patel, J Desai, **P Kumar**, HP Thakkar. Development and in-vitro characterization of Capecitabine loaded alginate-pectinate-chitosan beads for colon targeting. *J Macromol Sci: Part B* 2015; 55(1): 33-54

BOOK CHAPTER

1. B Singh, HP Thakkar, S Bansal, S Saini, M Bansal, **PK Srivastava**, Chapter: Gastroretentive Drug Delivery Systems, In Book: In-Vitro

and In-Vivo Tools in Drug Delivery Research for Optimum Clinical Outcomes. **CRC Press** 2018; 173-208.

POSTER PRESENTATIONS

1. Controlled porosity osmotic pump of Tapentadol HCl for once a day regimen: Formulation optimization and in vivo evaluation. Presented at 15th International Symposium of **CRS-IC, 2016**, Institute of Chemical Technology, Mumbai.
2. Fabrication of Lopinavir loaded nanostructured lipid carrier for transdermal penetration enhancement. Presented at **NanoSciTech 2014**, Punjab University, Chandigarh.
3. Formulation of cyclodextrin-complexed Raloxifene HCl hydrogel and its permeability evaluation through microporated pig ear skin. Presented at **NIPiCON-2016**, Nirma University, Ahmedabad

TRAINING & WORKSHOP

1. Pre-Conference Workshop on “Development & Characterization of Nanostructured Systems” in NanoSciTech 2014 organized by Punjab University, Chandigarh.
2. UGC-NRC sponsored One Month Training on “Formulation Development of polymeric nanoparticles” under Prof V. R. Sinha, Punjab University, Chandigarh in 2012.