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CERTIFICATE

This is to certify that the following enlisted publications belong to my Ph.D. student Jagruti L Desai who wishes to submit thesis entitled "Development of formulations containing a Protease Inhibitor as an anti-HIV drug for enhancement of oral bioavailability and targeting to HIV reservoirs", to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph.D in Pharmacy.

Research Supervisor

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LIST OF PUBLICATIONS

ARTICLES

1. Formulation development of spherical crystal agglomerates of Itraconazole for preparation of directly compressible tablets with enhanced bioavailability. *AAPS PharmSciTech*. (Accepted, Available online 20 May 2015, doi: 10.1208/s12249-015-0332-y).
2. Formulation and evaluation of Tacrolimus loaded galactosylated PLGA nanoparticles for liver targeting. *Journal of Pharmacy and Pharmacology*. 2015;67(10):1337-48.
3. Influence of excipients on drug absorption via modulation of intestinal transporters activity. *Asian Journal of pharmaceuticals* 2015;9:69-82.
4. Caprylate-Conjugated Cisplatin for the Development of Novel Liposomal Formulation. *AAPS pharmscitech* 2014;15(4)845-57.
5. Application of box-behnken design for optimization of formulation parameters for nanostructured lipid carriers of candesartan cilexetil. *Asian J Pharm* 2014;9:81-9.
6. Gemcitabine Hydrochloride loaded functionalized carbon nanotubes as potential carriers for tumor targeting. *Indian Journal of Pharmaceutical sciences* 2013;75(6):707-715.
7. Physiologically activated phase transition systems for improved ocular retention of ketorolac tromethamine. *J Pharm Bioall Sci* 2012; 4: 6-7.
8. Design, development and optimization of self microemulsifying drug delivery system of an anti-obesity drug. *J Pharm Bioall Sci* 2012; 4: 21-2.