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Date:

CERTIFICATE

This is to certify that the following enlisted publications (Two research papers, two review papers and one book chapter) belong to my Ph.D. student Mr. Karan who wishes to submit thesis entitled "**Bioavailability enhancement of poorly bioavailable anti-viral drugs using natural bioenhancers**" to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph.D. in Pharmacy.

1. **Karan Mittal**, Chintan Vora, Riddhish Patadia, Rajashree Mashru, Myriad molecules to overcome efflux drug transporters and drug metabolizing enzymes: a journey from synthetic to natural. Critical Reviews™ in Therapeutic Drug Carrier Systems. 32 (5), 2015. (Review)
2. **Karan Mittal**, Arti Thakkar, Rajashree Mashru, Challenges in Oral Delivery: Role of P-Gp Efflux Pump, Current drug therapy, 9(1); 47-55. (Review)
3. **Karan Mittal**, Chintan Vora, Riddhish Patadia, Rajashree Mashru, A newfangled study using risk silhouette and uncertainty approximation for quantification of acyclovir in diverse formulation, Journal of Pharmaceutical Analysis, 5 (1), 58-69, 2014. (Research)
4. **Karan Mittal**, Chintan Vora, Riddhish Patadia, Rajashree Mashru, Risk outlining and uncertainty contour for quantification of acyclovir using LC-MS: solicitation to in-vitro cell lines studies. 10 (2) 2015. (Research)
5. **Karan Mittal**, Arti Thakkar, Rajashree Mashru, Novel and Nanostructured Drug Delivery Strategies for Enhancing Bioavailability of BCS Class III Drugs, Vol.4: Nanostructured Drug Delivery of the Series "Nanobiomedicine (Vol. 6)" (Book Chapter)

Research Supervisor

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