



Pharmacy Department
Faculty of Technology & Engineering
The Maharaja Sayajirao University of Baroda
Post Box No.: 51, Kalabhavan, Vadodara – 390 001, India
Phone: (+91-0265) 2434187; Fax: (0265) 2423898/2418927
E-mail: head-pharm@msubaroda.ac.in

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CERTIFICATE

This is to certify that the following enlisted publications belong to my Ph. D. student Mr. Atul Arun Kolate who wishes to submit thesis entitled “**Stealth Polymeric Nanocarrier for Controlled and Sustained Pulmonary Delivery of Drugs and Gene in Cystic Fibrosis**”, to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph. D. in Pharmacy.

Dr Ambikanandan Misra,
Professor in Pharmacy and Dean,
Faculty of Technology and Engineering,
The M. S. University of Baroda,
Vadodara-390001, Gujarat, India.

LIST OF PRESENTATIONS AND PUBLICATIONS

1. PEG - A versatile conjugating ligand for drugs and drug delivery systems. Journal of controlled release. 2014, Volume 192, 67–81.
2. Polymer Assisted Entrapment of Netilmicin in PLGA nanoparticles for Sustained Antibacterial Activity. Journal of Microencapsulation, Sep 2014, 1-14.
3. Protein-Functionalized PLGA Nanoparticles of Lamotrigine for Neuropathic Pain Management. AAPS PharmSciTech. 2014 Oct 30.
4. Polymeric micelle: A multifunctional pharmaceutical carrier, Journal of Nanoscience and Nanotechnology. 2014 Jan; 14 (1), 288-307.
5. Patents review in siRNA delivery for pulmonary disorder. Recent Pat Drug Deliv Formul. 2012 Apr; 6(1):45-65.
6. Oral absorption promoters: opportunities and challenges. (Accepted, Critical Reviews™ in Therapeutic Drug Carrier Systems).
7. Application of polymers in lung drug delivery: In ‘Application of Polymers in Drug Delivery’ Misra AN (Ed.), Smithers Rapra, Publisher, London, UK, 2014.
8. Pulmonary Drug Delivery: Challenges and Opportunities, Drug Delivery in “Recent Developments in Biotechnology”, volume 8, Studium Press LLC, USA, 2014.
9. Development of self-assembled PLGA hybrid nanoparticles for sustained drug delivery in cystic fibrosis; 1st IT Nano Conference at Northeastern University in Boston, USA, July 2013.
10. Preparation and in vitro characterization of mixed micelles system to improve solubility of poorly soluble drug Nicergoline 16th CSPS conference held in Vancouver, Canada, 2013.
11. Liposomal Dry Powder Inhaler of Gentamicin for safe and effective treatment of cystic fibrosis poster presented at GUJCOST sponsored national seminar at DDIT, Nadiad, Gujarat, 2013.