

Date:

CERTIFICATE

This is to certify that the following enlisted publications belong to my Ph.D student Mr. Jitendrakumar G. Amrutiya who wishes to submit thesis entitled “**Development of siRNA therapeutics for the treatment of obstructive airway disorders**”, to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph.D in Pharmacy.

Research Guide,
Prof. Ambikanandan Misra,
Faculty of Pharmacy,
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List of Publications

Research/Review Articles:

1. Jitendra Amrutiya, Rohan Lalani, Priyanka Bhatt, Krupa Siddhapura, Ambikanandan Misra, Nucleic acid carriers for pulmonary gene delivery, **Journal of Pharmaceutical Sciences and Technology Management**, July 2015, volume (1), issue (2), Pages 37-69.
2. Sushilkumar Patil, Imran Vhora, Jitendra Amrutiya, Rohan Lalani and Ambikanandan Misra, Role of Nanotechnology in Delivery of Protein and Peptide Drugs, **Current Pharmaceutical Design**, 2015, 21(29),Pages 4155-4173.**Impact factor:3.452.**
3. Imran Vhora, Sushilkumar Patil, Jitendra Amrutiya and Ambikanandan Misra, Liposomes and Lipid Envelope-Type Systems for Systemic siRNA Delivery,**Current Pharmaceutical Design**,2015,21(31),Pages 4541-55.**Impact factor:3.452.**
4. Priyanka Bhatt, Imran Vhora, Sushilkumar Patil, Jitendra Amrutiya, Chandrali Bhattacharya, Ambikanandan Misra, Rajashree Mashru, Role of antibodies in diagnosis and treatment of ovarian cancer: Basic approach and clinical status, **Journal of Controlled Release**, Volume 226, 28 March 2016, Pages 148–167.**Impact factor:7.705.**
5. Rohan Lalani,AmbikanandanMisra, JitendraAmrutiya, Hinal Patel, Priyanka Bhatt and SushilkumarPatil,Approaches and Recent trends in gene delivery for treatment of Atherosclerosis. **Recent Patents on Drug Delivery& Formulation**,Volume 10,2016.
6. SushilkumarPatil, Priyanka Bhatt, Rohan Lalani, JitendraAmrutiya, Imran Vhora, Atul Kolte and AmbikanandanMisra,Low molecular weight chitosan–protamine conjugate for siRNA delivery with enhanced stability and transfection efficiency, *RSC Adv.*, 2016, 6,110951-110963,DOI: 10.1039/C6RA24058E, Paper.**Impact factor:3.289**
7. Rohan Lalani,AmbikanandanMisra, JitendraAmrutiya,Hinal Patel, Priyanka Bhatt and Vivek Patel, Challenges in dermal delivery of therapeutic antimicrobial protein and peptides, **Current Drug Metabolism**, Volume 18, 2017.**Impact factor:2.847.**
8. Priyanka bhatt, , Rohan Lalani, Imran Vhora, Sushilkumar Patil, Jitendra Amrutiya, Ambikanandan Misra, Rajashree Mashru, “Liposomes encapsulating native and cyclodextrin enclosed Paclitaxel: Enhanced loading efficiency and its pharmacokinetic evaluation.”**International Journal of Pharmaceutics**, Nov,2017. **Impact factor:3.649.**

9. Ankit Javia, Jitendra Amrutiya, Rohan Lalani, Vivek Patel, Priyanka Bhatt, Ambikanandan Misra, “Antimicrobial Peptides as an emerging therapeutics for the treatment of burn and wounds”, **Therapeutic Delivery**, Feb 2018.
10. Chetan Yewale, Dipesh Baradia, Sushilkumar Patil, Priyanka Bhatt, Jitendra Amrutiya, Ravi Gandhi, Girish Kore, Ambikanandan Misra, “Docetaxel loaded immunonanoparticles delivery in EGFR overexpressed breast carcinoma cells”, **Journal of Drug Delivery Science and Technology**, March 2018. . **Impact factor:1.194**
11. Jitendrakumar Patel Jitendra Amrutiya, Priyanka Bhatt, Ankit Javia, Mukul Jain ,Ambikanandan Misra, Targeted delivery of monoclonal antibody conjugated docetaxel loaded PLGA nanoparticles into EGFR Overexpressed lung tumor cells, **Journal of Microencapsulation**, March 2018. **Impact factor:1.543**

Book Chapters:

1. Imran Vhora, SushilkumarPatil, Hinal Patel, Jitendra Amrutiya, Rohan Lalani, and AmbikanandanMisra. Overview of Polyester Nanosystems for Nasal Administration, Pan Stanford Publishing, Singapore (2015).
2. *Book-“In-Vitro and In-Vivo Tools in Drug Delivery Research for Optimum Clinical Outcomes”*, Book chapter- Nasal - Pulmonary drug delivery systems, Dr. Mahavir Chougule, Mr. Pranav Ponkshe, Ms. Ruchi Amit Thakkar, Mr. Tarul Mulay, Mr. Jitendra Amrutiya, Mr. Ankit Javia, CRC Press, Taylor and Francis Group, June 2018.

Poster Presentation:

1. Chitrali Talele, Jitendra Amrutiya, Ambikanandan Misra, “Inhalable Liposomal Dry Powder of Cholecalciferol: Formulation, Characterization and *In-vivo* studies” at PHARMAiCON-2017, Pharmacy International Conference, April 7-8, 2017 at Parul University, Waghodia, Vadodara.

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