

LIST OF PUBLICATIONS

1. **Patel Vivek**, Rohan Lalani, Denish Bardoliwala, Saikat Ghosh, and Ambikanandan Misra. "Lipid-Based Oral Formulation Strategies for Lipophilic Drugs." *AAPS PharmSciTech* 19, no. 8 (2018): 3609-30.
2. **Vivek Patel**, Dr. Rohan A. Lalani, Dr. Imran Vhora, Denish R. Bardoliwala, Akanksha S. Patel, Saikat Ghosh, Prof Paola Luciani, Prof Ambikanandan Misra, Co-delivery of cisplatin and siRNA through hybrid nanocarrier platform for masking resistance to chemotherapy in lung cancer.; *Drug delivery and translational research* (manuscript under publication)
3. **Vivek Patel**, Bardoliwala Denish, Ankit Javia, Saikat Ghosh, Akanksha Patel, and Ambikanandan Misra. "Nanocarriers in Effective Pulmonary Delivery of Sirna: Current Approaches and Challenges." *Therapeutic delivery* 10, no. 5 (2019): 311-32
4. Ghosh, Saikat, Rohan Lalani, **Vivek Patel**, Denish Bardoliwala, KuntalMaiti, Shubhadeep Banerjee, Subhas Bhowmick, and Ambikanandan Misra. "Combinatorial Nanocarriers against Drug Resistance in Hematological Cancers: Opportunities and Emerging Strategies." *Journal of controlled release* (2019).
5. Manish Ialan, Hemal Tandel, Rohan Lalani, Vivek Patel. "Inhalation drug therapy: Emerging trends in Nasal and pulmonary drug delivery". Dec-2019. "Novel Drug Delivery Technologies -Innovative Strategies for Drug Re-positioning". *Springer Nature*: 2019 (under publication)
6. Patil, Sushilkumar, Rohan Lalani, Priyanka Bhatt, Imran Vhora, **Vivek Patel**, Hinal Patel, and Ambikanandan Misra. "Hydroxyethyl Substituted Linear Polyethylenimine for Safe and Efficient Delivery of Sirna Therapeutics." *RSC advances* 8, no. 62 (2018): 35461-73.
7. Vhora, Imran, Rohan Lalani, Priyanka Bhatt, Sushilkumar Patil, Hinal Patel, **Vivek Patel**, and Ambikanandan Misra. "Colloidally Stable Small Unilamellar Stearyl Amine Lipoplexes for Effective Bmp-9 Gene Delivery to Stem Cells for Osteogenic Differentiation." *AAPS PharmSciTech* 19, no. 8 (2018): 3550-60.

Publications

8. Manish Ialan, Rohan Lalani, **Vivek Patel**, Ambikanandan Misra. "Brain Targeted Drug Delivery Systems". June 2018. "In-Vitro and In-Vivo Tools in Drug Delivery Research for Optimum Clinical Outcomes". **CRC Press, USA**: 2018: 237-282
 9. Javia, Ankit, Jitendra Amrutiya, Rohan Lalani, **Vivek Patel**, Priyanka Bhatt, and Ambikanandan Misra. "Antimicrobial Peptide Delivery: An Emerging Therapeutic for the Treatment of Burn and Wounds." **Therapeutic delivery** 9, no. 5 (2018): 375-86.
 10. Lalani, Rohan, Ambikanandan Misra, Jitendra Amrutiya, Hinal Patel, Priyanka Bhatt, and **Vivek Patel**. "Challenges in Dermal Delivery of Therapeutic Antimicrobial Protein and Peptides." **Current drug metabolism** 18, no. 5 (2017): 426-36.
 11. Manisha S. Lalan, Vivek N. Patel and Ambikanandan Misra; Applications of Polymers in Vaginal Drug Delivery; revised edition, Elsevier (book chapter under publication)
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