

RESEARCH PUBLICATIONS

1. **Bijay Kumar Padhi**, Mahavir B. Chougule and Ambikanandan Misra, Engineered Monodisperse Inhalation Powders for Effective Treatment of Lung Diseases. **Indian Patent (2005)**, Application No. 228/MUM/2005.
2. **Bijay Kumar Padhi**, Mahavir B. Chougule and Ambikanandan Misra, Optimization of Formulation Components and Characterization of Large Respirable Powders Containing High Therapeutic Payload. **Pharm.Dev. Tech.**2006; 11:1–11 (In press).
3. **Bijay Kumar Padhi**, Mahavir B. Chougule and Ambikanandan Misra, Large Respirable Particles of High Dose Amikacin Sulfate Payload, Accepted for podium presentation at **Respiratory Drug Delivery, Europe 2007**, Paris, France (To be held on April 17-20, 2007).
4. **Bijay Kumar Padhi**, Mahavir B. Chougule and Ambikanandan Misra, Aerosol Performance of Large Respirable Powder of Amikacin Sulfate Produced by Spray and Freeze Drying Techniques (**In communication**).
5. Mahavir B. Chougule, **Bijay Kumar Padhi**, and Ambikanandan Misra, Enhancement of Pulmonary Therapeutic Index of Drugs from Dry Powder Inhaler Formulations. **Indian Patent (2005)**, Application No. 729/MUM/2005.
6. Mahavir B. Chougule, S. Ganesh, **Bijay Kumar Padhi** and Ambikanandan Misra, Aerodynamically Light Porous Dry Powder Inhaler Formulations for Targeted Pulmonary Deposition. **Indian Patent (May 2006)**.