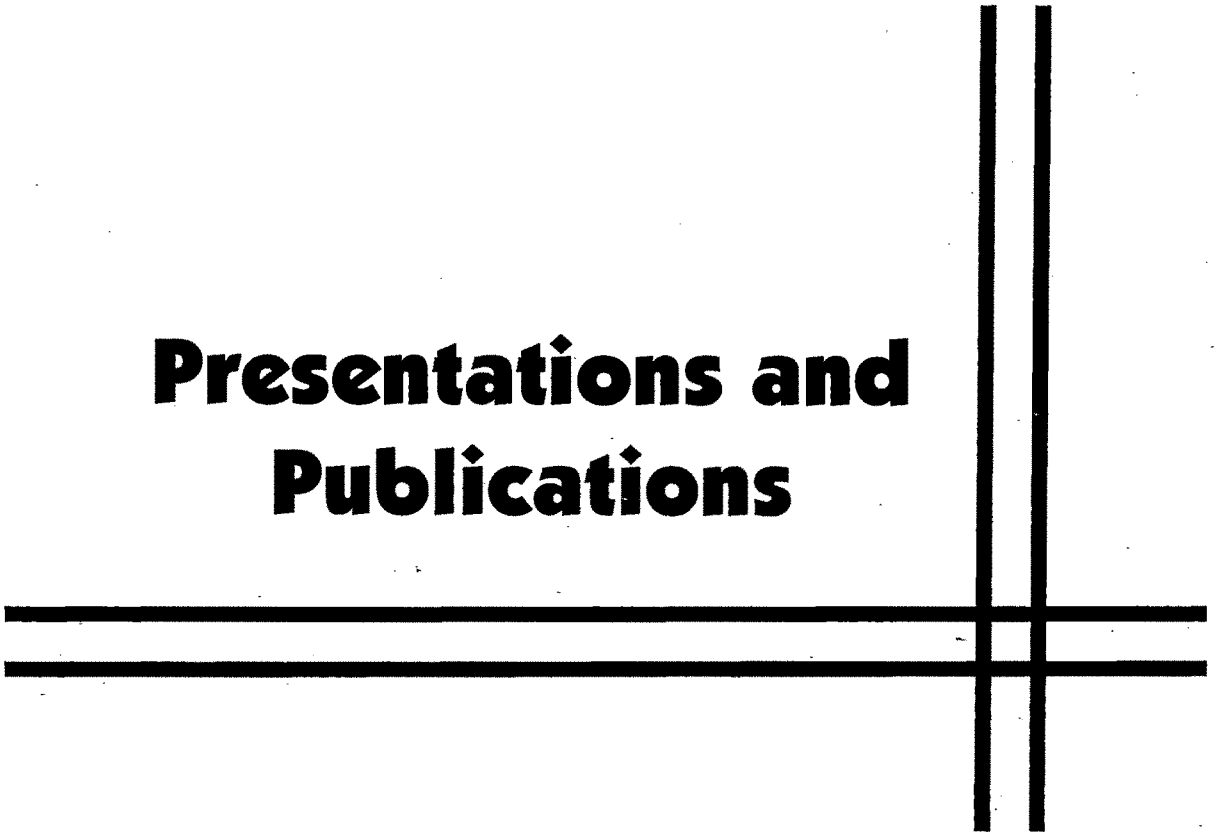


# **Presentations and Publications**



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### **Presentations**

1. **Yogesh M Rane**, Rajshree C Mashru, Mayur G Sankalia and Punit P Shah, "Optimization of Aerosil and Chitosan in dried SEDDS formulation of Oxcarbamazepine and its *in vitro-in vivo* correlation" at HDR 2006 - 18th Helsinki Drug Research 2006, June 1 - 2, 2006, Helsinki, Finland (P2.6).
2. **Rane Y M**, Mashru R C, Sankalia M G and Sankalia J M, "Investigations on Effect of Chitosan for Dissolution Enhancement of Oxcarbamazepine Spray Dried Coprecipitates by Experimental Design" at 1st Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology, November 25 to 29, 2005, at Mumbai.
3. **Y M Rane** and R C Mashru, "Effect of Oils and Surfactants on Solid Dispersions of Various Cellulose Polymers For Dissolution Enhancement of Poorly Soluble Drugs" abstract accepted for presentation in Division of Polymeric Materials: Science and Engineering under Topic Selection: Joint PMSE/POLY Poster Session of 230<sup>th</sup> Annual American Chemical Society Meeting held at Washington DC. 2005.
4. **Y M Rane**, R C Mashru, V B Sutaryia, M G Sankalia and J M Sankalia, "Comparative Evaluation of Efficiency of Hydrophilic Water Swellable Natural Polymers and Synthetic Polyethyleneglycols for the Dissolution Enhancement of Carbamazepine" at National Seminar on Polymer, Surfactants and Gels, 11 - 13<sup>th</sup> March 2005, Organized by Indian Society for Surface Science and Technology, Kolkata, at Chemistry Dept. The M. S. Univ. of Baroda.
5. **Y M Rane**, R C Mashru, V B Sutaryia, M G Sankalia and J M Sankalia, "Dissolution Enhancement of Oxcarbamazepine (GP 47980) in Hard Gelatin Capsules using Microemulsion Component for LiquiSolid Technique" at 6<sup>th</sup> International Symposium on Advances in Technology and Business Potential of New Drug Delivery Systems, 18 - 19<sup>th</sup> Feb. 2005, Organized by Controlled Release Society, Indian Chapter, Mumbai.

## Publications

1. **Y M Rane**, R C Mashru, M G Sankalia and J M Sankalia, "Effect of hydrophilic swellable polymers on dissolution enhancement of carbamazepine solid dispersions studied using response surface methodology", Manuscript Accepted for **AAPS PharmSciTech**.
2. **Y M Rane**, R C Mashru, M G Sankalia, V B Sutariya and P P Shah, "Investigations on factors affecting chitosan for dissolution enhancement of oxcarbazepine by spray dried microcrystal formulation with an experimental design approach", Manuscript communicated with minor comments to **Drug Development and Industrial Pharmacy**.
3. **Y M Rane**, R C Mashru, M G Sankalia, V B Sutariya and P P Shah, "Optimization of Aerosil and Chitosan in dried SEDDS formulation of oxcarbamazepine and its *in vitro-in vivo* correlation", Manuscript under preparation for **European Journal of Pharmaceutics and Biopharmaceutics**.
4. **Y M Rane**, R C Mashru, M G Sankalia, and P P Shah, "Comparative effect of tween 80 and Sodium lauryl sulphate on liquisolid formulation of OCBZ", Manuscript under preparation for **Drug Development and Industrial Pharmacy**.
5. **Y M Rane**, R C Mashru, M G Sankalia, and P P Shah, "Self emulsifying formulation of oxcarbamazepine, *in vitro in vivo* correlation", Manuscript under preparation for **Drug Development and Industrial Pharmacy**.