

List of Publications:

1. **Hamsaraj Karanth**, V. S. Shenoy, R.S.R. Murthy. (2006) Industrially Feasible Alternative Approaches in the Manufacture of Solid Dispersions: A Technical Report. *AAPS Pharm SciTech.*, 7 (4): Article 87.
2. **Karanth, H.**, Murthy, R.S.R. (April 2007) pH-Sensitive liposomes - principle and application in cancer therapy. *J. Pharm. Pharmacol.*, 59(4): 469-483.
3. **Hamsaraj Karanth**, RSR Murthy. (April-June 2008) Nanotechnology in Brain targeting. *Int. J. Pharma. Sci. & Nanotech.*, 1(1): 9-24.

List of papers presented at conferences:

Seventh International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems. Controlled Release Society - Indian Chapter, Feb 13 -14, 2007, Mumbai, India.

1. **Karanth H**, Vivek K, Murthy RSR. Formulation Development of Long circulating, pH sensitive Paclitaxel liposomes for the treatment of cancer. Abstract No. P-19
2. Prudhviraju D, Vivek K, Reddy H, **Karanth H**, Murthy RSR. Investigations on the *in-vitro* and *in-vivo* performance of Ziprasidone loaded Solid Lipid nanoparticles. Abstract No.P-20.

Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Science, Technology, Practice and Natural Products. Feb 24-26, 2007, JSS College of Pharmacy, Ooty, TN.

3. Vivek K, Reddy LH, **Hamsaraj K**, Prudhviraju D, RSR Murthy. Preparation, Characterization and *in-vivo* investigation of Ziprasidone loaded Biodegradable microspheres. Abstract No.DDS-115 (**First Prize**)

59th Indian Pharmaceutical Congress (IPC), 20th – 22nd December 2007, Banaras Hindu University, Varanasi.

4. Priti D., **Hamsaraj Karanth** and R.S.R. Murthy. Risperidone loaded biodegradable PLGA nanoparticles for enhanced brain targeting. Abstract No.123.

List of publications and papers presented at conferences

35th Annual Meeting and Exposition of Controlled Release Society (CRS), 12th -16th July 2008, Hilton New York, New York, USA.

5. **Hamsaraj Karanth**, R. P. Gude, R. S. R. Murthy. Paclitaxel pH –Sensitive liposomes and its action on B16F10 melanoma cells. Abstract No. 645.

6th Nano Drug Delivery Symposium (NanoDDS'08) going to be held at Leslie Dan Faculty of Pharmacy, University of Toronto, Canada, 18th & 19th October 2008.

6. **Hamsaraj Karanth**, Krishna Chuttani, Sanyog Jain, Rashi Mathur, A. K. Mishra, R. S. R. Murthy. Radiolabeling, biodistribution and tumor imaging of Irinotecan pH-sensitive liposomes. Abstract No. 49.
7. Kamath S. B., **Hamsaraj Karanth**, R. S. R. Murthy, N. Udupa. Formulation and Pharmacokinetic Evaluation of Rifampicin Loaded Stealth Liposomes. Abstract No.60.

Ninth International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems. Controlled Release Society - Indian Chapter, Feb 25-26, 2009, Mumbai, India.

8. **Karanth, H.**, Kamath S. B., Murthy, R. S. R. Development of long circulating Paclitaxel liposomes for the treatment of Cancer. Submitted.

NSTI Nanotechnology Conference and Trade Show (Nanotech 2009), May 3-7, 2009, Houston, Texas, U.S.A.

9. **Hamsaraj Karanth**, R. S. R. Murthy. Action of Paclitaxel pH-Sensitive Liposomes on B16F1 Melanoma Cells. Abstract No. 646. Accepted.
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