

## LIST OF PUBLICATIONS

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### PUBLISHED

- **Chaudhari K.R.**, Ukawala M, Manjappa A.S., Kumar A, Mundada P. K., Misra A.K., Mathur R, Monkkonen J., Murthy R.S.R., Opsonization, biodistribution, cellular uptake and apoptosis study of PEGylated PBCA Nanoparticle as potential drug delivery carrier, *Pharmaceutical Research*, *Published online*, June 2011, DOI: 10.1007/s11095-011-0510-x.
- Manjappa A.S., **Chaudhari K.R.**, Vekataraju M.P., Murthy R.S.R., Sawant K.K., Review: Antibody derivatization and conjugation strategies: Application in preparation of stealth immunoliposome to target chemotherapeutics to tumor, *Journal of Controlled Release*, 2011; 150(1), 2-22.
- Shah N. M., **Chaudhari K.R.**, Dantuluri P, Murthy R.S.R, Das S., Paclitaxel loaded PLGA nanoparticles surface modified with transferrin and Pluronic®P-85, an in-vitro cell line and in vivo bio-distribution studies on rat model. *Journal of Drug Targeting*. 2009; 17(7):533-542.
- **Chaudhari K.R.**, Patel H., Shah N. M., Murthy R.S.R, Preparation of porous PLGA microspheres with thermoreversible gel to modulate drug release profile of water-soluble drug: Bleomycin sulphate. *Journal of Microencapsulation*. 2010; 27(4):303-313.

### MANUSCRIPT UNDER COMUNICATION:

- **Chaudhari K.R.**, Kumar A, Misra A.K., Khandelwal V, Mathur R., Monkkonen J., Murthy R.S.R., Bone metastasis targeting: A novel approach to reach bone using bisphosphonate as ligand and PLGA nanoparticle as carrier. *Biomaterials*; Manuscript ID: jbmt17402.
- **Chaudhari K.R.**, Kumar A, Misra A.K., Monkkonen J., Murthy R.S.R., In vitro and in vivo evaluation of zoledronate anchor docetaxel loaded PBCA nanoparticle for bone cancer targeting delivery system.

- Ukawala, Mukesh, Rajyaguru Tushar, **Chaudhari, Kiran**; Manjappa, A. S.; Murthy, R. S. R.; Gude, Rajiv; EILDV conjugated etoposide loaded biodegradable polymeric micelles directing to tumor metastatic cells over expressing  $\alpha 4\beta 1$  integrin; *Journal of Drug Targeting*; Manuscript ID: mp-2011-000633.
- Mukesh Ukawala, **Kiran Chaudhari**, Tushar Rajyaguru, A. S. Manjappa, R.S.R. Murthy, Rajiv Gude; Laminin receptor targeted etoposide loaded polymeric micelles: A novel approach for the effective treatment of tumor metastasis. *Biomaterials*; Manuscript ID: jbmt16774.
- Mukesh Ukawala, Tushar Rajyaguru, **Kiran Chaudhari**, Smita Pimple, Manjappa A. S., Murthy R. S. R; Investigations on assembly of etoposide loaded micelles with different molecular weight of PEG-PCL: formulation and predicted in vivo fate. *Journal of pharmaceutical sciences*; manuscript id: 11-272.

## POSTER PRESENTATIONS

- **Chaudhari K.R.**, Shah N. M., Dantuluri P, Murthy R.S.R, Das S. Novel process for the preparation of porous PLGA microspheres and to modulate drug release profile of bleomycin sulphate. At Controlled Release Society-Indian Chapter Annual meeting, Mumbai, India, Feb 2009.
- Shah N. M., **Chaudhari K.R.**, Dantuluri P, Murthy R.S.R, Das S. Increased cytotoxicity of transferrin conjugated paclitaxel loaded PLGA nanoparticles on C6 rat glioma cells. At Controlled Release Society-Indian Chapter Annual meeting, Mumbai, India, Feb 2009.
- Vasani P., **Chaudhari K.R.**, Vyas K, Murthy R.S.R., Development & Biodistribution studies of polysorbate-80 coated PLGA nanoparticles for brain targeting using Lomustine as model drug. At winter school on Nanotechnology in Advanced Drug Delivery at NIPER, Feb 2009.