

Publications Related to the AIC Spectrophotometry Facility

2004

1. Witte, R.P., et al., *Analysis of poly(ethylene glycol)-diacrylate macromer polymerization within a multicomponent semi-interpenetrating polymer network system*. J Biomed Mater Res, 2004. **71A**(3): p. 508–18.
2. Weller, R.L. and S.R. Rajski, *Aziridination of g,d-dibromoethyl-2-pentenoate with primary amines: extension of the Gabriel-Cromwell reaction*. Tetrahedron Letters, 2004. **45**(30): p. 5807–5810.
3. Smith, L.J., et al., *Sedative effects and serum drug concentrations of oxymorphone and metabolites after subcutaneous administration of a liposome-encapsulated formulation in dogs*. Journal of Veterinary Pharmacology & Therapeutics, 2004. **27**(5): p. 369–372.
4. McAnulty, J.F., et al., *Suppression of cold ischemic injury in stored kidneys by the antimicrobial peptide bactenecin*. Cryobiology, 2004. **49**(3): p. 230–40.
5. Lee, T.W.-Y. and J.R. Robinson, *Drug Delivery to the Posterior Segment of the Eye II: Development and Validation of a Simple Pharmacokinetic Model for Subconjunctival Injection*. Journal of Ocular Pharmacology and Therapeutics, 2004. **20**(1): p. 43–53.
6. Lee, T.W.-Y. and J.R. Robinson, *Drug Delivery to the Posterior Segment of the Eye III: The Effect of Parallel Elimination Pathway on the Vitreous Drug Level After Subconjunctival Injection*. Journal of Ocular Pharmacology and Therapeutics, 2004. **20**(1): p. 55–64.
7. Hoang, K.C. and S. Mecozzi, *Aqueous solubilization of highly fluorinated molecules by semifluorinated surfactants*. Langmuir, 2004. **20**(18): p. 7347–7350.
8. Goncalves, E., R.J. Debs, and T.D. Heath, *The effect of liposome size on the final lipid/DNA ratio of cationic lipoplexes*. Biophys J, 2004. **86**(3): p. 1554–63.
9. Croy, S.R. and G.S. Kwon, *The effects of Pluronic block copolymers on the aggregation state of nystatin*. J Control Release, 2004. **95**(2): p. 161–71.
10. Comstock, L.R. and S.R. Rajski, *Efficient Synthesis of Azide-Bearing Cofactor Mimics*. Journal of Organic Chemistry, 2004. **69**(4): p. 1425–1428.
11. Clark, M.D., et al., *Evaluation of liposome-encapsulated oxymorphone hydrochloride in mice after splenectomy*. Comparative Medicine, 2004. **54**(5): p. 558–563.
12. Smith, L.J., et al., *A single dose of liposome-encapsulated oxymorphone or morphine provides long-term analgesia in an animal model of neuropathic pain*. Comparative Medicine, 2003. **53**(3): p. 280–287.