

7. Publications and Presentations

Poster presentations

1. **Luan, X.**, Skupin, M., Bodmeier, R., Parameters affecting the initial release of peptide-loaded PLGA microparticles. *2003 Annual Meeting of the American association of Pharmaceutical Scientists*, Salt Lake City, USA, #T3286, 2003.
2. **Luan, X.**, Körber, M., Bodmeier, R., Comparison of the solvent diffusion rate from poly(lactide-co-glycolide) (PLGA) solutions into oily and aqueous phases during the formation of in situ microparticle emulsions. *31th Annual Meeting of the Controlled Release Society*, Honolulu, USA, #188, 2004.
3. **Luan, X.**, Körber, M., Bodmeier, R., Modifying the tri-phasic release kinetics of peptide loaded poly(lactide-co-glycolide) (PLGA) microparticles with different additives. *31th Annual Meeting of the Controlled Release Society*, Honolulu, USA, #478, 2004.
4. **Luan, X.**, Bodmeier, R., Reduction of the initial burst of in situ forming poly(lactide-co-glycolide) (PLGA) microparticles: effect of solvent system. *2004 Annual Meeting of the American association of Pharmaceutical Scientists*, Baltimore, USA, #T3121, 2004.
5. **Luan, X.**, Bodmeier, R., In situ forming microparticle (ISM) system for controlled release of leuprolide acetate. *2004 Annual Meeting of the American association of Pharmaceutical Scientists*, Baltimore, USA, #T3114, 2004.
6. **Luan, X.**, Dong, W., Bodmeier, R., In situ forming microparticles (ISM) for 120-day controlled delivery of leuprolide acetate. *32th Annual Meeting and Exposition of the Controlled Release Society*, Miami, USA, accepted, 2005.
7. **Luan, X.**, Bodmeier, R., Effect of poly(lactide-co-glycolide) (PLGA) type on the drug release from microparticles and in situ forming microparticles (ISM). *32th Annual Meeting and Exposition of the Controlled Release Society*, Miami, USA, accepted, 2005.

Original Research Articles

1. **Luan, X.,** Bodmeier, R., Influence of the poly(lactide-co-glycolide) type on the leuprolide release from in situ forming microparticle systems. *J. Control. Release* 110, 266-272, **2006**.
2. **Luan, X.,** Bodmeier, R., In situ forming microparticle system for controlled delivery of leuprolide acetate: influence of the formulation and processing parameters. *Euro. J. Pharm. Sci.* 27, 143-149, **2006**.
3. **Luan, X.,** Bodmeier, R., Modification of the tri-phasic drug release pattern of leuprolide acetate-loaded poly(lactide-co-glycolide) (PLGA) microparticles. *Euro. J. Pharm. Biopharm.*, submitted.
4. **Luan, X.,** Skupin, M., Siepmann, J., Bodmeier, R., Key parameters affecting the initial release (burst) and encapsulation efficiency of peptide-containing poly(lactide-co-glycolide) (PLGA) microparticles. *Int. J. Pharm.*, submitted.
5. **Luan, X.,** Bodmeier, R., Reducing the initial release from leuprolide acetate-loaded in situ forming microparticle systems by using a partial water-miscible cosolvent. *Pharm. Res.*, submitted.
6. **Luan, X.,** Bodmeier, R., Investigation of in situ forming poly(lactide-co-glycolide) (PLGA) microparticles system: Emulsion formation and the morphology of the forming microparticles, in preparation.