

## **7. Publications and Presentations**

### Original Research Articles

- Dong, W. Y., **Körber, M.**, López Esguerra, V. and Bodmeier, R. (2006). "Stability of poly(d,l-lactide-co-glycolide) and leuprolide acetate in in-situ forming drug delivery systems." *J. Control. Release* 115: 158-167.
- Körber, M.** and Bodmeier, R. "Incorporation of a protein into in-situ forming poly(lactide-co-glycolide) drug delivery systems. Characterization of a nonaqueous protein precipitation". In preparation.
- Körber, M.** and Bodmeier, R. "Incorporation of a protein into biodegradable in-situ forming drug delivery systems: Storage stability of a model protein incorporated into biodegradable in-situ forming implants". In preparation.
- Körber, M.** and Bodmeier, R. "Effect of excipient addition on protein release from in-situ forming biodegradable implants". In preparation.
- Körber, M.** and Bodmeier, R. "A quantitative description of protein release from in situ forming biodegradable implants". In preparation.
- Körber, M.** and Bodmeier, R. "Accelerating protein release from biodegradable in situ implants through incorporation of vegetable oil". In preparation.

### Oral presentations

- Körber, M.** and Bodmeier, R. (2003). "Biodegradable in-situ forming microparticles containing lysozyme as a model protein", 3<sup>rd</sup> International Erasmus intensive course and workshop on liposome technology and applications in therapeutics, Patras, Greece.
- Körber, M.**, Luan, X. and Bodmeier, R. (2003). "Bioabbaubare in-situ Mikropartikel", DFG-Forschergruppentreffen, Luckenwalde, Germany
- Körber, M.** and Bodmeier, R. (2006). "Evaluation of separation method for protein drugs from in-situ forming biodegradable delivery systems". DPhG meeting "Der wissenschaftliche Nachwuchs stellt sich vor". Berlin, Germany

### Poster Presentations

- Körber, M.** and Bodmeier, R. (2004). "Comparison of protein release from in situ forming biodegradable systems". 31<sup>st</sup> Annual Meeting of the Controlled Release Society, Honolulu, USA, #205.
- Luan, X., **Körber, M.** and Bodmeier, R. (2004), "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". 31<sup>st</sup> Annual Meeting of the Controlled Release Society, Honolulu, USA, #188.
- Luan, X., **Körber, M.** and Bodmeier, R. (2004). "Modifying the tri-phasic release kinetics of peptide loaded poly(lactide-co-glycolide) (PLGA) microparticles with different additives". 31<sup>st</sup> Annual Meeting of the Controlled Release Society, Honolulu, USA, #478.
- Dong, W. Y., **Körber, M.**, López Esguerra, V. and Bodmeier, R. (2004). „Stability of PLGA and leuprolide in in-situ forming biodegradable drug delivery systems". Annual Meeting and Exposition, American Association of Pharmaceutical Scientists, Baltimore, USA, #R6188.
- Körber, M.**, Zhu, Y. and Rocca J. G. (2005). "Superporous Hydrogel Assembly of Matrix and Reservoir Tablets for Prolonged Gastroretentive Delivery of Levodopa and Carbidopa", Annual Meeting and Exposition, American Association of Pharmaceutical Scientists, Nashville, USA, #M1213.
- Körber, M. and Bodmeier, R. (2005). „Investigation of protein solubility in PLGA solutions in ternary solvent mixtures“. 32<sup>nd</sup> Annual Meeting of the Controlled Release Society, Miami, USA, #437.
- Hoffart, V., **Körber, M.**, MacRae, R., Walther, M. and Bodmeier, R. (2005). „Storage stability of pellets coated with the aqueous ethylcellulose dispersion Aquacoat<sup>®</sup> ECD at elevated temperature and humidity". Annual Meeting and Exposition, American Association of Pharmaceutical Scientists, Nashville, USA, #T3240.
- Hoffart, V., **Körber, M.**, MacRae, R., Walther, M. and Bodmeier, R. (2005). „Effects of unconventional curing conditions on storage stability of pellets coated with Aquacoat<sup>®</sup> ECD". Annual Meeting and Exposition, American Association of Pharmaceutical Scientists, Nashville, USA, #T3241.
- Mota, J., Hoffart, V., **Körber, M.**, and Bodmeier, R. (2006). „Drug-containing polymer films used for the prediction of drug release from polymer matrix-coated pellets. Annual

Meeting and Exposition, American Association of Pharmaceutical Scientists, San Antonio, USA, #R6184.

**Körber, M.**, Hoffart, V., Ciper, M., Walther M., MacRae, R. and Bodmeier, R. (2007). „Coating of pellets with aqueous dispersions or organic solutions of water-insoluble polymers”. 34<sup>th</sup> Annual Meeting of the Controlled Release Society, Longbeach, USA, #659.

**Körber, M.**, Hoffart, V., Walther M., MacRae, R. and Bodmeier, R. (2007). "Limitations in the pH-independent extended release of weakly basic drugs from Eudragit RS 30D coated pellets". 34<sup>th</sup> Annual Meeting of the Controlled Release Society, Longbeach, USA, #716.

Dong, W. Y., Ciper, M., **Körber, M.**, Walther, M., Payne-Cook, T. and Bodmeier, R. (2007). “Blends of EC/Eudragit L to eliminate pH-dependent release of a weakly basic drug – opportunities and limitations in comparison with Eudragit L topcoated ethylcellulose-coated pellets”. Annual Meeting and Exposition, American Association of Pharmaceutical Scientists, San Diego, USA, #PT2915.