

Recently published doctoral theses

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Title **β -Cyclodextrin-containing film coating for colon-specific drug delivery**
Author Stefan Böhm
Key words Cyclodextrin, colonic absorption, pellets, coating, oral drug delivery, site-specific absorption
Supervisor Rolf Schubert
Institution Albert-Ludwigs-University, Institute of Pharmaceutical Sciences, Pharmaceutical Technology and Biopharmacy, Freiburg, Germany
Language German
Price On request
Address for ordering Prof. Dr. Rolf Schubert, Pharm. Technology and Biopharmacy, Hermann-Herder-Str. 9, D-79104 Freiburg, Germany
Fax/e-mail Rolf.Schubert@pharmazie.uni-freiburg.de
 Fax.: 0049 761-203 6366

Title **Development of a solvent-free coating process for solid oral dosage forms**
Author Stephan Engelmann
Key words Coating, pellets, oral drug delivery, synthetic polymers *in vitro* assay, process optimisation
Supervisor Rolf Schubert
Institution Albert-Ludwigs-University, Institute of Pharmaceutical Sciences, Pharmaceutical Technology and Biopharmacy, Freiburg, Germany
Language German
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Title **Phase transformation in pharmaceutical materials studied by AFM, ESCA, DSC and SAXS**
Author Denny Mahlin
Key words Calorimetry, kinetics, lipids, microparticles, polymer characterization, solid formulation
Supervisors Göran Alderborn and Sven Engström
Institution Uppsala University, Department of Pharmacy, BMC, Uppsala, Sweden
Language English
Price Free of charge
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<http://publications.uu.se/theses/abstract.xsql?dbid=4575>
Fax/e-mail denny.mahlin@farmaci.uu.se

Title **The development of a sustained and controlled release device for pharmaceutical proteins based on lipid implants**
Author Silke Mohl
Key words Implant, proteins, sustained drug release, lipids, lyophilisation, stabilisation
Supervisor Gerhard Winter
Institution Department of Pharmacy, Pharmaceutical Technology and Biopharmaceutics, Munich, Germany
Language English
Price Free of charge
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Title **Topical delivery of α_1 -antichymotrypsin for wound healing**
Author Roland Schmidt
Key words Hydrogels, proteins, drug delivery, stabilisation, lyophilisation
Supervisor Gerhard Winter
Institution Ludwig-Maximilian University, Department of Pharmacy, Pharmaceutical Technology and Biopharmaceutics, Munich, Germany
Language English
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Title	Optimization of <i>in vitro</i> dissolution conditions for the prediction of oral absorption characteristics of lipophilic compounds
Author	Maria Vertzoni
Key words	Absorption, oral drug delivery, dissolution, in vitro/in vivo correlation
Supervisor	Christos Reppas
Institution	National and Kapodistrian University of Athens, School of Pharmacy, Laboratory of Biopharmaceutics and Pharmacokinetics, Panepistimiopolis, Athens, Greece
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