

## Recently published doctoral theses

*The information in this section is for those interested in interacting with universities. Please mail relevant information directly to the editor.*

Title	<b>Reverse water-in-fluorcarbon emulsions intended to the administration of drugs to the lungs</b>	Title	<b>Endothelial protection by acetylsalicylic acid: nitric oxide and cyclic GMP as anti-oxidant mediators</b>
Author	Helene Courier	Author	Nina Grosser
Key words	Pulmonary absorption, emulsions, drug delivery, liquid formulation, physical pharmacy, surfactants	Key words	Cell culture, cytotoxicity, in vitro assay, molecular biology, molecular pharmacology, pharmacology
Supervisors	Thierry Vandamme and Marie-Pierre Krafft	Supervisor	Henning Schröder
Institution	University Louis Pasteur, Faculty of Pharmacy, Illkirch, France	Institution	Martin-Luther-University, Department of Pharmaceutical Biology and Pharmacology, Halle-Wittenberg, Germany
Language	French	Language	German
Price	USD 40.00	Price	Free of charge
Address for ordering	Université Louis Pasteur, Ecole de Pharmacie, Laboratoire de Pharmacie Galénique, 74 route du Rhin, B.P. 24, F-67401 Illkirch, France	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, D-06099 Halle (Saale), Germany
Fax/e-mail	vandamme@pharma.u-strasbg.fr	Fax/e-mail	+49 345 5527022 www.pharmazie.uni-halle.de/indexE.html
Title	<b>Interactions of losartan and its main metabolite EXP 3174 with membrane transporters in vitro, in situ and in vivo</b>	Title	<b>Modern formulations for dermal application of ciclosporin A and mycophenolate mofetil</b>
Author	Cornelia Dressler	Author	Konstanze Jahn
Key words	Absorption, drug carriers, drug metabolism, drug transport, multidrug resistance, pharmacokinetics	Key words	Drug delivery, microemulsions, penetration enhancement, percutaneous absorption, in vitro/in vivo assay
Supervisor	H. Spahn-Langguth	Supervisor	Reinhard Neubert
Institution	Martin-Luther-University, Faculty of Pharmacy, Halle-Wittenberg, Germany	Institution	Martin-Luther-University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	German	Language	German
Price	Free of charge	Price	Free of charge
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, D-06099 Halle (Saale), Germany	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+49 345 5527022 www.pharmazie.uni-halle.de/indexE.html	Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de
Title	<b>Cloning and expression in <i>E. coli</i> of cardenolide-16'-O-glucosyltransferase from <i>digitalis lanata</i> EHRH</b>		
Author	Johann Joachim Framm		
Key words	Molecular biology		
Supervisor	Martin Luckner		
Institution	Martin-Luther-University, Faculty of Pharmacy, Halle-Wittenberg, Germany		
Language	German		
Price	Free of charge		
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, D-06099 Halle (Saale), Germany		
Fax/e-mail	+49 345 5527022 www.pharmazie.uni-halle.de/indexE.html		

Title	<b>The internalization and fate of HPMA copolymers and antisense-HPMA copolymer conjugates in HEP G2 cells</b>	Title	<b>Interactions of poly (<math>\alpha</math>-hydroxy acids) with peptides</b>
Author	Keith Jensen	Author	Andrea Lucke
Key words	Macromolecules, oligonucleotides, biological barriers, drug targeting, <i>in vitro</i> assay, microscopy	Key words	Biodegradable polymer, polymer characterization, absorption, proteins, peptides, stability
Supervisor	Jindrich Kopecek	Supervisor	Achim Göpferich
Institution	Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, Salt Lake City, Utah, USA	Institution	University of Regensburg, Department of Pharmaceutical Technology, Regensburg, Germany
Language	English	Language	English
Price	USD 20.00	Price	~USD 47.00 (ISBN 3-8265-9762-1)
Address for ordering	Jindrich Kopecek, Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, 30 S 2000 E Room 301, Salt Lake City, Utah 84112, USA	Address for ordering	Shaker Verlag, Postfach 1290, D-52013 Aachen, Germany
Fax/e-mail	+1 801 581 3674 Jindrich.Kopecek@m.cc.utah.edu	Fax/e-mail	achim.goepperich@chemie.uni-regensburg.de
Title	<b>Effect of drugs on the cardiac transport, metabolism and action of idarubicin: pharmacokinetic and pharmacodynamic modelling</b>	Title	<b>A lymphocyte-targeting polymeric drug delivery system mediated by receptor-binding epitopes: design, synthesis and characterization</b>
Author	Wonku Kang	Author	Aijun Tang
Key words	Pharmacokinetic, pharmacodynamic modelling	Key words	Targeted delivery, drug carriers, synthetic polymers, drug targeting, molecular biology, cell culture
Supervisor	Micheal Weiss	Supervisor	Jindrich Kopecek
Institution	Martin-Luther-University, Faculty of Pharmacy, Department of Pharmacology and Toxicology, Sec. Pharmacokinetic, Halle-Wittenberg, Germany	Institution	Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, Salt Lake City, Utah, USA
Language	English	Language	English
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Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, D-06099 Halle (Saale), Germany	Address for ordering	Jindrich Kopecek, Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, 30 S 2000 E Room 301, Salt Lake City, Utah 84112, USA
Fax/e-mail	+49 345 5527022 www.pharmazie.uni-halle.de/indexE.html	Fax/e-mail	+1 801 581 3674 Jindrich.Kopecek@m.cc.utah.edu
Title	<b>Identification of a protein participating in the steroid and tetrapyrrole transporting system in plants</b>	Title	<b>Evaluation of cellular responses to photo-dynamic therapy with HPMA copolymer-Mce<sub>6</sub> conjugates in human ovarian carcinoma cells</b>
Author	Antje Koch	Author	Monica Tijerina
Key words	Proteins, drug transport, cell biology, molecular biology	Key words	Cytotoxicity, drug carriers, <i>in vitro</i> assay, polymers, targeted delivery, peptides
Supervisor	Martin Luckner	Supervisor	Jindrich Kopecek
Institutions	Martin-Luther-University, Department of Pharmaceutical Biology and Pharmacology, Halle-Wittenberg, Germany	Institution	Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, Salt Lake City, Utah, USA
Language	German	Language	English
Price	Free of charge	Price	USD 20.00
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Dekanat, Wolfgang-Langenbeck-Str. 4, D-06120 Halle (Saale), Germany	Address for ordering	Jindrich Kopecek, Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, 30 S 2000 E Room 301, Salt Lake City, Utah 84112, USA
Fax/e-mail	+49 345 5527029 www.pharmazie.uni-halle.de/indexE.html	Fax/e-mail	+1 801 581 3674 Jindrich.Kopecek@m.cc.utah.edu

Title	<b>Investigation and modelling of coating processes with the Bohle Lab-coater BLC 5</b>	Title	<b>Biodegradable implants for the local therapy of malignant brain tumors</b>
Author	Susanne Tobiska	Author	Werner Vogelhuber
Key words	Coating, mathematical modelling, process optimization, statistics, tablets, thermodynamics	Key words	Implant, polymer
Supervisor	Peter Kleinebudde	Supervisor	Achim Göpferich
Institution	Martin-Luther-University, Department of Pharmaceutical Technology and Biopharmacy, Halle-Wittenberg, Germany	Institution	University of Regensburg, Dept of Pharmaceutical Technology, Regensburg, Germany
Language	German	Language	English
Price	Free of charge	Price	Unknown
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany	Address for ordering	Lst. Pharm. Technologie, Universität Regensburg, Universitätsstr. 32, D-93040 Regensburg, Germany
Fax/e-mail	+49 345 5527029 kleinebudde@pharmazie.uni-halle.de	Fax/e-mail	achim.goepferich@chemie.uni-regensburg.de
Title	<b>Pellet dosage form with modified release of diltiazem</b>		
Author	David Vetch		
Key words	Pellets, granulation, oral formulation, process optimization, controlled drug delivery		
Supervisor	Miloslava Rabisková		
Institution	University of Vet. and Pharm. Sciences, Brno, Czech Republic		
Language	Czech		
Price	Unknown		
Address for ordering	David Vetch, Faf VFU, Palackého 1-3, CZ-612 42 Brno, Czech Republic		
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