

Recently published doctoral theses

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Title	Functional and molecular aspects of xenobiotic transport in choroid plexus	Title	Studies on the preparation of solid lipid nano- and microparticles delivering plasmid DNA(puc18) for gene therapy in pharmaceutical biotechnology
Author	Carsten-Heinz Baehr	Author	Gülay Büyükköroğlu
Key words	Active drug transport, biological barriers, blood brain barrier, cell culture, drug transport, multidrug resistance	Key words	Biotechnology, gene therapy, electrophoresis, microparticles nanoparticles, in vitro assay
Supervisor	Gert Fricker	Supervisor	Yasemin Yazan
Institution	Ruprecht-Karls University, Institute of Pharmacy and Molecular Biotechnology, Heidelberg, D	Institution	Anadolu University, Faculty of Pharmacy, Department of Pharmaceutical Technology, Eskisehir, Turkey
Language	English	Language	Turkish
Price	USD 25.00	Price	USD 30.00
Address for ordering	Ruprecht-Karls University, Institute of Pharmacy and Molecular Biotechnology, Im Neuenheimer Feld 366, D-69120 Heidelberg, Germany	Address for ordering	Gülay Büyükköroğlu, Anadolu University, Faculty of Pharmacy, 26470 Eskisehir, Turkey
Fax/e-mail	+49 6221 545971 / gert.fricker@uni-hd.de	Fax/e-mail	+90 222 3350 750 / gbuyukko@anadolu.edu.tr
Title	Development of tablets with solid dispersions from piroxicam in PEG 4000	Title	Investigation of the quartz crystal micro-balance (QCM) as a tool in pharmaceutical analytics
Author	Janina Julia Bielefeldt	Author	Matthias Höpfner
Key words	Solid dispersions, percolation, tablets, piroxicam, polyethylenglykol	Key words	Surface chemistry, kinetics, liposomes, drug targeting, in vitro assay
Supervisor	Jobst B. Mielck	Supervisor	Reinhard Neubert
Institution	University of Hamburg, Department of Pharmaceutical Technology, Hamburg, Germany	Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany
Language	German	Language	German
Price	Unknown	Price	Unknown
Address for ordering	University of Hamburg, Institute of Pharmacy, Department of Pharmaceutical Technology, Bundesstr. 45, 20146 Hamburg, Germany	Address for ordering	Martin-Luther-Universität Halle Wittenberg, Fachbereich Pharmazie, Dekanat, Wolfgang-Langenbeck-Str. 4, D-06120 Halle (Saale), Germany
Fax/e-mail	+49 40 42838 6573 / mielck@chemie.uni-hamburg.de	Fax/e-mail	+49 345 552 7029 neubert@pharmazie.uni-halle.de
Title	Influence of excipients on the permeation of hydrocortisone and prednicarbate through excised human stratum corneum and an artificial skin construct	Title	Stabilisation of a model protein in lyophilisates and PLGA-formulations
Author	Ilka Brinkmann	Author	Anne Kunze
Key words	Cell culture, drug metabolism, HPLC, in vitro assay, percutaneous absorption	Key words	Biomaterials, lyophilization, parenteral delivery, polymers, proteins
Supervisor	Christel Müller-Goymann	Supervisor	Gert Fricker
Institution	Technical University of Braunschweig, Institut of Pharmaceutical Technology, Braunschweig, Germany	Institution	Ruprecht-Karls University, Institute of Pharmacy and Molecular Biotechnology, Heidelberg, D
Language	German	Language	German
Price	Free of charge	Price	USD 25.00
Address for ordering	Prof. Dr. Christel Müller-Goymann, Institut für Pharmazeutische Technologie der Technischen Universität Braunschweig, Mendelssohnstr. 1, D-38106 Braunschweig, Germany	Address for ordering	Ruprecht-Karls-Universität Heidelberg, Institute of Pharmacy and Molecular Biotechnology, Im Neuenheimer Feld 366, D-69120 Heidelberg, Germany
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Title	1. Investigation for the contactless application of drug using micro dosage systems 2. Investigations for the development of a computer-aided drug dosage system in the ophthalmology	Title	Carbomers in oral drug delivery
Author	Franziska Irene Müller	Author	Mari Sedláková
Key words	Drug delivery, in vitro assay, liquid formulation	Key words	Oral drug delivery, hydrogels, matrices, drug-polymer interaction, dissolution, pH controlled release
Supervisor	Reinhard Neubert	Supervisor	Miloslava Rabiskova
Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany	Institution	University of Veterinary and Pharmaceutical Sciences, Dept of Pharmaceutics, Faculty of Pharmacy, Brno, Cz
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Fax/e-mail	+49 345 552 7029 / neubert@pharmazie.uni-halle.de	Fax/e-mail	Rabiskovam@vf.u.cz
Title	Nasal delivery of peptides using powder carriers based on starch/poly(acrylic acid)	Title	Development and characterisation of surface-modified lipid nanoparticles for proteins delivery
Author	Eveline Pringels	Author	Martin Alexander Schubert
Key words	Bioavailability, drug carriers, mucoadhesive polymers, nasal absorption, peptides, powder technology	Key words	Colloids, drug carriers, lipids, nanoparticles, proteins, suspensions
Supervisor	Jean Paul Remon and Chris Vervael	Supervisor	Christel Müller-Goymann
Institution	University of Ghent, Faculty of Pharmaceutical Sciences, Laboratory of Pharmaceutical Technology, Ghent, Belgium	Institution	Technical University of Braunschweig, Institut of Pharmaceutical Technology, Braunschweig, Germany
Language	English	Language	German
Price	USD 20.00	Price	Free of charge
Address for ordering	Eveline Pringels, University of Gent, Faculty of Pharmaceutical Sciences, Laboratory of Pharmaceutical Technology, Harelbekestraat 72, B-9000 Ghent, Belgium	Address for ordering	Prof. Dr. Christel Müller-Goymann, Institut für Pharmazeutische Technologie der Technischen Universität Braunschweig, Mendelssohnstr. 1, D-38106 Braunschweig, Germany
Fax/e-mail	+32 9 222 82 36 / eveline.pringels@ugent.be	Fax/e-mail	+49 531 3918108 c.mueller-goymann@tu-braunschweig.de
Title	Development and physico-chemical characterization of nanocapsules	Title	Oxytocin as a model peptide in solid dispersions-physico-chemical characterization and investigations on stability
Author	Andrea Rübe	Author	Edna Wallmann
Key words	Nanoparticles, drug carriers, colloids, biodegradable polymers, invitro assay, animal study	Key words	Solid dispersions, peptides, polycarboxophil, chemical stability
Supervisor	Karsten Mäder	Supervisor	Jobst B. Mielck
Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany	Institution	University of Hamburg, Hamburg, Germany
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Fax/e-mail	+49 345 5527018 / maeder@pharmazie.uni-halle.de	Fax/e-mail	+49 40 42838 6573 mielck@chemie.uni-hamburg.de
Title	Synthesis of lipids for use in liposome mediated gene transfection	Title	Permeation studies of 5-aminolevulinic acid (ALA) and ALA-n-butyl ester through excised human stratum corneum and artificial skin constructs
Author	Ingo Schulze	Author	Axel Winkler
Key words	Gene therapy, lipids, liposomes, synthesis	Key words	Cell culture, HPLC, in vitro assay, percutaneous absorption, thermal analysis, transdermal drug delivery
Supervisor	Bodo Dobner	Supervisor	Christel Müller-Goymann
Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany	Institution	Technical University of Braunschweig, Institut of Pharmaceutical Technology, Braunschweig, Germany
Language	German	Language	German
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Address for ordering	Martin-Luther-Universität Halle Wittenberg, Fachbereich Pharmazie, Dekanat, Wolfgang-Langenbeck-Str. 4, D-06120 Halle (Saale), Germany	Address for ordering	Prof. Dr. Christel Müller-Goymann, Institut für Pharmazeutische Technologie der Technischen Universität Braunschweig, Mendelssohnstr. 1, D-38106 Braunschweig, Germany
Fax/e-mail	+49 345 5527018 dobner@pharmazie.uni-halle.de	Fax/e-mail	+49 531 3918108 c.mueller-goymann@tu-braunschweig.de electronic document: http://opus.tu-bs.de/opus/volltexte/2005/726