

Recently published doctoral theses

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Title	The synthesis of bety-lactam-sulfonamide hybrides. Novel aspects of the ring-closing metathesis on the elaboration of heterobicycles and studies on the intramolecular [2+2]-alkene-isocyanate cycloaddition	Title	Physica sunscreen filters – Penetration of titanium dioxide microparticles into human stratum corneum
Author	Dirk Freitag	Author	Stefan Gottbrath
Key words	Bacteria, calorimetry, drug synthesis, stability, thermal analysis	Key words	Percutaneous absorption, nanoparticles, suspensions, liposomes, penetration enhancement
Supervisor	Peter Metz	Supervisor	Christel Müller-Goymann
Institution	University of Dresden, Institution of organic chemistry, Dresden, German	Institution	Technical University of Braunschweig, Braunschweig, Germany
Language	German	Language	German
Price	USD 39.00	Price	Free of charge
Address for ordering	TUDpress, Verlag der Wissenschaften GmbH, Bergstrasse 70, D-01069 Dresden, Germany	Address for ordering	Prof. Dr. C. Müller-Goymann, Institut für Pharmazeutische Technologie der Technischen Universität Braunschweig, Mendelssohnstr. 1, D-38106 Braunschweig, Germany
Fax/e-mail	Not available	Fax/e-mail	+49 531 3918108 or http://sunny.biblio.ctc.tu-bs.de:8080/
Title	Development and characterization of nanosuspensions based on solidified reverse micellar solutions (SRMS) as ophthalmologic drug delivery system	Title	Expression and localization of voltage-gated Na⁺ channels in the heart
Author	Ingo Friedrich	Author	Volker Haufe
Key words	Lipids, nanoparticles, drug delivery, suspensions	Key words	Animal study, molecular biology, proteins, membranes
Supervisor	Christel Müller-Goymann	Supervisors	W. Roos and Thomas Zimmer
Institution	Technical University of Braunschweig, Braunschweig, Germany	Institution	Martin Luther University, Institute of Physiology II, Halle-Wittenberg and Klinikum of FSU, Jena, Germany
Language	German	Language	German
Price	Free of charge	Price	Unknown
Address for ordering	Prof. Dr. C. Müller-Goymann, Institut für Pharmazeutische Technologie der Technischen Universität Braunschweig, Mendelssohnstr. 1, D-38106 Braunschweig, Germany	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+49 531 3918108 or http://sunny.biblio.ctc.tu-bs.de:8080/	Fax/e-mail	+49 345 5527018
Title	Product morphology and drying behaviour delineated by a new freeze-drying microbalance	Title	The application of polyethylene oxide (polyox) and methoxypolyethylene glycol (carbowa sentry) in the production of extruded-spheronized beads with a high drug load
Author	Henning Gieseler	Author	Matthew A. Howard
Key words	Lyophilization, proteins, process optimization, physical pharmacy	Key words	Excipients, extrusion, pellets, polymers, synthetic polymers
Supervisor	Geoffrey W. Lee	Supervisor	Steven H. Neau
Institution	Friedrich-Alexander University, Departement of Pharmaceutics, Erlangen-Nürnberg, D	Institution	University of Missouri, Kansas City School of Pharmacy, Kansas City, Missouri, USA
Language	English	Language	English
Price	Free of charge	Price	Unknown
Address for ordering	Dr. Henning Gieseler, University of Connecticut, School of Pharmacy, 69 North Eagleville road, Unit 3092, Storrs, Connecticut 06269-3092, USA	Address for ordering	Not available
Fax/e-mail	gieseler@pharmacist.de	Fax/e-mail	+1 816 235 5190 / neaus@umkc.edu

Title	Advanced analytical methods for characterization of complex carbohydrates, hyaluronic acid fragments and alkylpolyglycosides	Title	The use of atomic force microscopy for determination of surface morphology and surface energy of active ingredients and excipients of medicines
Author	Andrea Kühn	Author	Adrijana Tivadar
Key words	Analytical chemistry, electrophoresis, HPLC, polymers characterization, polysaccharides, oligosaccharides	Key words	Physical pharmacy, polymers, adhesion, microscopy, excipients
Supervisor	Reinhard Neubert	Supervisors	Stane Srcic and Igor Musevic
Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany	Institution	University of Ljubljana, Faculty of Pharmacy Ljubljana, Slovenia
Language	German	Language	Slovene
Price	Unknown	Price	USD 55.00
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany	Address for ordering	University of Ljubljana, Faculty of Pharmacy Askerceva 7, SI- 1000 Ljubljana, Slovenia
Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de	Fax/e-mail	Andrijana.tivadar@ffa.uni-lj.si
Title	Development and evaluation of a sustained release biodegradable dosage form intended for chronic therapy via the intrathecal route : application to baclofen-loaded microspheres aimed at severe spasticity treatment	Title	Synthesis of emodin-derivatives with cytostatic activity
Author	Frederic Lagarce	Author	Lars Teich
Key words	Animal study, biocompatibility, controlled drug delivery, gels, microparticles, biopharmaceutics	Key words	Synthesis, natural products, multidrug resistance, in vitro assay
Supervisor	Jean-Pierre Benoit	Supervisor	Kurt Eger
Institution	University of Angers, Angers, France	Institution	University of Leipzig, School of Pharmacy, Leipzig, Germany
Language	French & English	Language	German
Price	Free of charge	Price	Unknown
Address for ordering	Prof. J.-P. Benoit, Inserm U 646, 10 rue A Boquel, Angers, France	Address for ordering	
Fax/e-mail	+33 241 73 58 55 Frederic.lagarce@univ-angers.fr	Fax/e-mail	eger@uni-leipzig.de
Title	DP IV - inhibitors as oral antidiabetic drugs : investigations of transport, pharmacokinetics and pharmacodynamics	Title	The sanguinarine reductase - a new redox enzyme with essential functions in metabolism and compartmentation of benzo-phenanthridine alkaloids in cell suspension cultures of eschscholzia californica
Author	Antje Meyer	Author	Dagmar Weiss
Key words	Absorption, bioavailability, drug transport, peptides, pharmacodynamics, pharmacokinetics	Key words	Cell culture, HPLC, cytotoxicity, metabolism, proteins, electrophoresis
Supervisor	Reinhard Neubert	Supervisor	Werner Roos
Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany	Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany
Language	German	Language	German
Price	Unknown	Price	Unknown
Address for ordering	Martin-Luther-Universität Halle Wittenberg, Fachbereich Pharmazie, Dekanat, Wolfgang-Langenbeck-Str. 4, D-06120 Halle (Saale), Germany	Address for ordering	Martin-Luther-Universität Halle Wittenberg, Fachbereich Pharmazie, Dekanat, Wolfgang-Langenbeck-Str. 4, D-06120 Halle (Saale), Germany
Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de	Fax/e-mail	+49 345 5527029 roos@pharmazie.uni-halle.de
Title	Investigation of nifedipine solid dispersion structure using modulated temperature differential scanning calorimetry	Title	Investigation of nifedipine solid dispersion structure using modulated temperature differential scanning calorimetry
Author	Natalija Zajc	Author	Natalija Zajc
Key words	Thermal analysis, solid formulation, polymorphism, excipients, stability	Key words	Thermal analysis, solid formulation, polymorphism, excipients, stability
Supervisor	Stane Srcic	Supervisor	Stane Srcic
Institution	University of Ljubljana, Faculty of Pharmacy Ljubljana, Slovenia	Institution	University of Ljubljana, Faculty of Pharmacy Ljubljana, Slovenia
Language	Slovene	Language	Slovene
Price	USD 70.00	Price	USD 70.00
Address for ordering	Prof. Stane Srcic, University of Ljubljana, Faculty of Pharmacy, Askerceva 7, SI- 1000 Ljubljana, Slovenia	Address for ordering	Prof. Stane Srcic, University of Ljubljana, Faculty of Pharmacy, Askerceva 7, SI- 1000 Ljubljana, Slovenia
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