

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	Biopharmaceutical methods for drug absorption : validation of mucus-producing cell culture models for assessment of oral drug delivery and nanoparticle uptake	Title	Amidrazones as inhibitors of lipoxygenases
Author	Eilika Isabel Behrens	Author	Frank Clemens
Key words	Oral drug delivery, mucoadhesion, drug carriers, cell culture, active drug transport, nanoparticles	Key words	Analytical chemistry, kinetics, molecular biology, proteins
Supervisor	Thomas Kissel	Supervisor	Peter Nuhn
Institution	Philipps University, Department of Pharmaceutics and Biopharmacy, Marburg, Germany	Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	German	Language	German
Price	On request	Price	Free of charge
Address for ordering	Prof. Dr. Thomas Kissel, Philipps-Universität, Inst. für Pharmazeutische Technologie & Biopharmazie, Ketzerbach 63, D-35032 Marburg, Germany	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+49 6421 287016 kissel@mail.uni-marburg-de	Fax/e-mail	+49 345 5527021 www.pharmazie.uni-halle.de/indexE.html
Title	Parenteral water-in-oil emulsions as sustained release systems for hydrophilic compounds	Title	The use of precolumn derivatization and capillary electrophoresis with laser-induced fluorescence detection for the investigation of the transport and metabolism of substance P at the blood-brain barrier
Author	Simon Bjerregaard	Author	Anita Freed
Key words	Emulsions, surfactants, injectables, sustained drug release	Key words	Analytical chemistry, blood-brain barrier, peptides, electrophoresis
Supervisor	Sven Frokjaer	Supervisor	Susan Lunte
Institution	The Royal Danish School of Pharmacy, Department of Pharmaceutics, Copenhagen, Denmark	Institution	The University of Kansas, Department of Pharmaceutical Chemistry, Lawrence, USA
Language	English	Language	English
Price	Free of charge	Price	USD 36.00–USD 48.00 (depending on type of cover selected)
Address for ordering	Prof. Sven Frokjaer, Department of Pharmaceutics, The Royal Danish School of Pharmacy, Universitetsparken 2, DK-2100 Copenhagen, Denmark	Address for ordering	University Microfilms, Inc. (UMI), 300 North Zeeb Road, P.O. Box 1346, Ann Arbor, Michigan 48106-1346, USA
Fax/e-mail	+45 44 439210 http://info.dfh.dk/	Fax/e-mail	+1 313 7614700 / disspub@umi.com www.umi.com/hp/Support/DServices/Order
Title	Tocopherol as an oral drug delivery system	Title	From capillary to microchip: electrochemical detection of peptides
Author	Pernille Bondeskov Nielsen	Author	Andrew Gawron
Key words	Bioavailability, dissolution, lipids, oral drug delivery, partitioning	Key words	Analytical chemistry, electrochemistry, electrophoresis, peptides
Supervisor	Henning Gjelstrup Kristensen	Supervisor	Susan Lunte
Institution	The Royal Danish School of Pharmacy, Copenhagen, Denmark	Institution	The University of Kansas, Department of Pharmaceutical Chemistry, Lawrence, USA
Language	English	Language	English
Price	Free of charge	Price	USD 36.00–USD 48.00 (depending on type of cover selected)
Address for ordering	The Royal Danish School of Pharmacy, Universitetsparken 2, DK-2100 Copenhagen, Denmark	Address for ordering	University Microfilms, Inc. (UMI), 300 North Zeeb Road, P.O. Box 1346, Ann Arbor, Michigan 48106-1346, USA
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Title	Substituted 3-aryl-4-thioxo-2H-1,3-benzoxazine-2(3H)-ones and 3-aryl-2H-1,3-benzoxazine-2,4(3H)-dithiones with antimycobacterial activity	Title	Formulation and in vivo evaluation of heparin multiparticulate dosage forms for oral administration
Author	Jiri Gregor	Author	Yuyan Jiao
Key words	Bacteria, drug synthesis, in vitro assay, HPLC, statistics	Key words	Microparticles, nanoparticles, bioavailability
Supervisor	Karel Waisser	Supervisors	Philippe Maincent and Nathalie Ubrica
Institution	Charles University, Faculty of Pharmacy, Hradec Králové, Czech Republic	Institution	University Henri Poincaré Nancy I, Faculty of Pharmacy, Nancy, France
Language	Czech	Language	French 40% and English 60%
Price	Free of charge	Price	USD 100.00
Address for ordering	Charles University, Faculty of Pharmacy, Heyrovského 1203, CZ-50005 Hradec Králové, Czech Republic	Address for ordering	Prof. Philippe Maincent, University Henri Poincaré Nancy I, Faculté des Sciences Pharmaceutiques et Biologiques, Laboratoire de Pharmacie Galénique et de Biopharmacie, 5 rue Albert Lebrun, BP 403, F-54001 Nancy Cedex, France
Fax/e-mail	+420 49 5210002 / vanzuro@faf.cuni.cz or jiri.gregor@quick.cz	Fax/e-mail	+33 0383178879
Title	Nanocapsules by emulsion-diffusion of solvent: obtention, characterization, mechanism of formation	Title	Micro- and nanoparticulate drug carriers for the treatment of inflammatory bowel disease
Author	Sandra Guinebreiere	Author	Alf Lamprecht
Key words	Diffusion, liquid formulation, encapsulation, polymer characterization	Key words	Nanoparticle, microparticles, targeted delivery, encapsulation
Supervisor	Hatem Fessi	Supervisor	Claus-Michael Lehr
Institution	University Claude Bernard Lyon I, Villeurbanne, France	Institution	Saarland University, Department of Biopharmaceutics & Pharmaceutical Technology, Saarbrücken, Germany
Language	French	Language	English
Price	Unknown	Price	USD 50.00
Address for ordering	LAGEP, Bât. 308G, CPE, Université Claude Bernard Lyon I, 43 bd du 11 novembre 1918 F-69622 Villeurbanne, France	Address for ordering	Prof. Dr. Claus-Michael Lehr, Universität des Saarlandes, Biopharmazie und Pharmazeutische Technologie, Postfach 151150, D-66041 Saarbrücken, Germany
Fax/e-mail	Not available	Fax/e-mail	+49 681 3024677 / lehr@rz.uni-sb.de
Title	In vitro toxicity of surfactants – mitochondrial function, cell membrane integrity and apoptosis	Title	Effect of viscosity on the deamidation rate of a model asn-hexapeptide in polymer matrices
Author	Antje Jelinek	Author	Rong Li
Key words	Surfactants, in vitro assay, cytotoxicity, membranes, cell culture, immunoassay	Key words	Chemical stability, peptides, synthetic polymers, rheology
Supervisor	Hans-Peter Klöcking	Supervisor	Elizabeth Topp
Institution	Friedrich-Schiller University, Department of Pharmacology and Toxicology, Jena, Germany	Institution	The University of Kansas, Department of Pharmaceutical Chemistry, Lawrence, USA
Language	German	Language	English
Price	Free of charge	Price	USD 36.00–USD 48.00 (depending on type of cover selected)
Address for ordering	Friedrich-Schiller-Universität, Institut für Pharmakologie und Toxikologie, Nordhäuser Strasse 78, D-99089 Erfurt, Germany	Address for ordering	University Microfilms, Inc. (UMI), 300 North Zeeb Road, P.O. Box 1346, Ann Arbor, Michigan 48106-1346, USA
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Title **The establishment of diagnostic method for drug metabolism capacity based on physiological pharmacokinetics (PKCYP-test); its application for several diseased models**

Author Noriko Matsunaga

Key words Drug metabolism, hepatic clearance, HPLC, in vitro/in vivo correlation, metabolism, pharmacokinetics

Supervisor Emi Nakashima

Institution Kyoritsu College of Pharmacy, Tokyo, Japan

Language English

Price Free of charge

Address for ordering Prof. Emi Nakashima, Department of Pharmaceutics, Kyoritsu College of Pharmacy, Minatoku 105-8512, Tokyo, Japan

Fax/e-mail Not available

Title **Molecular-biological research towards resistance in mycobacterium tuberculosis to pyrazinamide**

Author Marian Mestdagh

Key words Bacteria, multidrug resistance, molecular, biology, DNA, biotechnology, prodrug

Supervisor Elfride Van den e Eckhout

Institution University of Gent, Lab. Pharmaceutical Biotechnology, Gent, Belgium

Language Dutch

Price Unknown

Address for ordering Lab. Pharmaceutical Biotechnology, University of Gent, Harelbekestraat 72, B-9000 Gent, Belgium

Fax/e-mail +32 9 2648194

Title **Methods for the structure elucidation and quantitation of the compounds of the non-ionic emulsifier cremophor EI**

Author Thomas Meyer

Key words Analytical chemistry, electrophoresis, pharmacokinetics, spectroscopy, surfactants, synthetic polymers

Supervisor August Wilhelm Frahm

Institution Albert-Ludwigs University, Chair of Pharmaceutical Chemistry, Freiburg i. Br., Germany

Language German

Price USD 12.00

Address for ordering Prof. Dr. A.Wilhelm Frahm, LS Pharmazeutische Chemie, Pharmazeutisches Institut der Universität Freiburg, Albertstrasse 25, D-79104 Freiburg i. Br., Germany

Fax/e-mail +49 761 2036351 / awfrac@uni-freiburg.de

Title **Endothelial protection by nitric oxide and acetylsalicylic acid: ferritin as an antioxidant mediator**

Author Stefanie Oberle-Plümpe

Key words Cell culture, cytotoxicity, in vitro assay, molecular biology, molecular pharmacology, pharmacology

Supervisor Henning Schröder

Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany

Language German

Price Free of charge

Address for ordering Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany

Fax/e-mail +49 345 5527021
www.pharmazie.uni-halle.de/indexE.html

Title **Utilization of automated flow methods in pharmaceutical analysis**

Author Hana Pasekova

Key words Analytical chemistry, spectroscopy, electrochemistry

Supervisor Miroslav Polasek

Institution Charles University, Faculty of Pharmacy, Hradec Králové, Czech Republic

Language Czech

Price On request

Address for ordering Charles University, Faculty of Pharmacy, Heyrovského 1203, CZ-50005 Hradec Králové, Czech Republic

Fax/e-mail +420 49 5210718 / sklenarova@faf.cuni.cz

Title **Modified drug release from solid oral dosage forms**

Author Beatrice Perissutti

Key words Oral drug delivery, extrusion, granulation, polymorphism, dissolution, microparticles

Supervisor Fulvio Rubessa

Institution University of Trieste, Department of Pharmaceutical Sciences, Trieste, Italy

Language Italian

Price Unknown

Address for ordering beatrice.perissutti@hotmail.com

Title **Preparation of 3,5-di-tert-butyl-4-hydroxybenzylidene-derivatives as antiinflammatory agents**

Author Frank Rolle

Key words Synthesis

Supervisor Axel Büge

Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany

Language German

Price Free of charge

Address for ordering Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany

Fax/e-mail +49 345 5527027
www.pharmazie.uni-halle.de/indexE.html

Title	Treatment of malignant gliomas by stereotactic implantation of 5-fluorouracil-loaded microspheres following up treatment efficiency by magnetic resonance imaging	Title	Effect of cannabinoids on glutamatergic and gabaergic neurotransmission in the substantia nigra pars reticulata
Author	V. Gaëlle Roullin	Author	Ilka Wallmichrath
Key words	Animal study, controlled drug delivery, local delivery, microparticles, NMR	Key words	In vitro assay, membranes, microscopy, pharmacology, receptor
Supervisor	Jean-Pierre Benoit	Supervisor	August Wilhelm Frahm
Institution	University of Angers, Angers, France	Institution	Albert-Ludwigs University, Chair of Pharmaceutical Chemistry, Freiburg i. Br., Germany
Language	French	Language	German
Price	USD 20.00 (available only as CDrom)	Price	USD 12.00
Address for ordering	Gaëlle Roullin, Centre de Recherche en Cancérologie de l'Université Laval, 9 rue Mac Mahon, Québec, QC G1R 2J6, Canada	Address for ordering	Prof. Dr. A.Wilhelm Frahm, LS Pharmazeutische Chemie, Pharmazeutisches Institut der Universität Freiburg, Albertstrasse 25, D-79104 Freiburg i. Br., Germany
Fax/e-mail	Not available	Fax/e-mail	+49 761 2036351 / awfrahm@uni-freiburg.de
Title	Chiral analysis of aliphatic and cycloaliphatic amino acids with chromatographic and electrophoretic methods	Title	Antibacterial activities and pharmacokinetics of E-4767 and E-5065 two new 8-chlorofluoroquinolones with a 7-azetidin ring
Author	Michael Schlauch	Author	Angels Xicota
Key words	Chirality, analytical chemistry, HPLC, electrophoresis, stereochemistry	Key words	Bacteria, in vivo assay, in vitro assay, prodrugs
Supervisor	August Wilhelm Frahm	Supervisor	Jesús Guinea
Institution	Albert-Ludwigs University, Chair of Pharmaceutical Chemistry, Freiburg i. Br., Germany	Institution	University of Barcelona, Lab. of microbiology, School of Pharmacy, Barcelona, Spain
Language	German	Language	Spanish
Price	USD 12.00	Price	Unknown
Address for ordering	Prof. Dr. A.Wilhelm Frahm, LS Pharmazeutische Chemie, Pharmazeutisches Institut der Universität Freiburg, Albertstrasse 25, D-79104 Freiburg i. Br., Germany	Address for ordering	Universitat de Barcelona, Laboratori de Microbiologia, Facultat de Farmacia, Av. Joan XXIII, s/n, 08028 Barcelona, Spain
Fax/e-mail	+49 761 2036351 / awfrahm@uni-freiburg.de	Fax/e-mail	+34 934 024498 / adm-farma@far.ub.es