

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	Oral controlled release dosage forms containing diltiazem hydrochloride	Title	The influence of nutritional factors like pectin or bile salt micelles on the absorption of quinine
Author	Kana Bartokova	Author	Ralph Bertram Fritsch
Key words	Pellets, controlled drug delivery, coating, matrices, extrusion, dissolution	Key words	Bioavailability, cell culture, diffusion, drug transport, membranes, pharmacokinetics
Supervisor	Mileslava Rabisková	Supervisor	Reinhard Neubert
Institution	University of Veterinary and Pharmacy, Department of Pharmaceutics, Faculty of Pharmacy, Brno, Czech Republic	Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	Czech	Language	German
Price	Free of charge	Price	Free of charge
Address for ordering	University of Veterinary and Pharmacy, Department of Pharmaceutics, Faculty of Pharmacy, Palackeho 1-3, Brno 612 42, Czech Republic	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+42 5 41211151	Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de
Title	Study 'in vitro' of piroxicam percutaneous permeation by passive diffusion and iontophoresis : development of a topical formulation with hydroxypropyl-beta-cyclodextrin	Title	Characterisation of coagulase-negative staphylococci associated with endocarditis
Author	Anna Doliwa	Author	Susan Lang
Key words	Cyclodextrin, hydrogels, in vitro assay, penetration enhancement, percutaneous absorption	Key words	DNA, in vivo, proteins, electrophoresis
Supervisor	M ^a Pilar Ygartua y Susana Santoyo	Supervisor	Peter Lambert
Institution	University of Navarra, School of Pharmacy, Pamplona, Spain	Institution	Aston University, Birmingham, UK
Language	Spanish and english	Language	English
Price	Photocopy cost	Price	Unknown
Address for ordering	Departamento de Farmacia y Tecnología Farmacéutica, Universidad de Navarra, Facultad de Farmacia, P.O. Box 177, E-31080 Pamplona (Navarra) Spain	Address for ordering	The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, United Kingdom
Fax/e-mail	+34 948 425649 / adoliwa@unav.es	Fax/e-mail	+44 1937 546333 dsc-customer-services@bl.uk
Title	Antibody detection of burkholderia pseudomallei and burkholderia mallei	Title	Characterization of polymeric systems for controlled release of insulin dependent on glucose concentration
Author	Jill Ellis	Author	Tamar Luz-Traitel
Key words	Antibodies, polysaccharides, capsules, molecular biology	Key words	Controlled drug delivery, mathematical modelling, hydrogels, pH-controlled release, swelling
Supervisor	Peter Lambert	Supervisor	Joseph Kost
Institution	Aston University, Birmingham, UK	Institution	Ben-Gurion University of the Negev, Department of Chemical Engineering, Beer-Sheva, Israel
Language	English	Language	Hebrew
Price	Unknown	Price	Unknown
Address for ordering	The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, United Kingdom	Address for ordering	Library, Ben-Gurion University of the Negev, P.O. Box 653, Beer-Sheva 84105, Israel
Fax/e-mail	+44 1937 546333 dsc-customer-services@bl.uk	Fax/e-mail	Not available

Title	Purification, cloning and characterisation of a phospho-specific peptidyl-prolyl-cis/trans-isomerase from proembryogenic masses (PEMs) of digitalis lanata EHRH	Title	On the mathematical modelling of hepatic pharmacokinetics
Author	Martin Metzner	Author	Christina Ring
Key words	Proteins, molecular biology, cell biology, cell culture	Key words	Biopharmaceutics, drug metabolism, bioavailability, pharmacokinetic modelling, diffusion, computer simulation
Supervisor	Gunter Küllertz	Supervisor	Michael Weiss
Institution	Max-Planck-Institut Halle, BRD, Resurch Center	Institution	Martin Luther University, Department Pharmacokinetic, Halle-Wittenberg, Germany
Language	German	Language	German
Price	Free of charge	Price	Unknown
Address for ordering	Martin-Luther-Universität Halle-Wittenberg, Fachbereich Pharmazie, Dekanat, 8 Hoher Weg, D-06120 Halle (Saale), Germany	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+49 345 5527021	Fax/e-mail	+49 345 5527021
Title	Glutamate receptor ligands. Synthesis and stereostructure-activity relationships	Title	Influence of local anesthetic bases on the percutaneous absorption of the model corticosteroid betamethasone 17-benzoate: in-vivo and in-vitro-investigations
Author	Eva Horn Moller	Author	Christian Rommen
Key words	Chirality, in vitro assay, stereochemistry, HPLC, receptor, synthesis	Key words	Bioavailability, membrane, percutaneous absorption, in vitro/in vivo correlation, penetration enhancement, pharmacodynamics
Supervisor	Lotte Brehm	Supervisors	Bernhard C. Lippold
Institution	The Royal Danish School of Pharmacy, Copenhagen, Denmark	Institution	Heinrich-Heine University, Department of Pharmaceutical Technology, Düsseldorf, Germany
Language	English	Language	German
Price	Unknown	Price	DM 62.00
Address for ordering	The Royal Danish School of Pharmacy, Universitetsparken 2, DK-2100 Copenhagen, Denmark	Address for ordering	Verlag Mainz GmbH, Süsterfeldstrasse 83, D-Aachen (ISBN 3-89653-694-x)
Fax/e-mail	+45 36 440171	Fax/e-mail	Not available
Title	MAP-kinase-activated protein kinase-2 (MK2)-functional characterization using a negative-interfering mutant, MK2-K76R, and identification and molecular biological characterization of SMIP-1, a Sml-motif-containing and MK2-interacting protein	Title	Characterisation of CGRP induced effects in human and guinea pig cerebral arteries
Author	Monika Müller	Author	Anette Sams Nielsen
Key words	Cell culture, electrophoresis, in vitro assay, in vivo assay, in vitro/in vivo correlations, molecular biology	Key words	Receptor, pharmacology, peptides, in vitro assays, molecular biology
Supervisor	Matthias Gaestel	Supervisor	Inger Olesen
Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany	Institution	The Royal Danish School of Pharmacy, Department of Pharmacology, Copenhagen, Denmark
Language	German	Language	English
Price	Free of charge	Price	Free of charge
Address for ordering	Martin-Luther-Universität Halle-Wittenberg, Fachbereich Pharmazie, Dekanat, Hoher Weg 8, D-06120 Halle (Saale), Germany	Address for ordering	Anette Sams Nielsen, Department of Pharmacology, The Royal Danish School of Pharmacy, Universitetsparken 2, DK-2100 Copenhagen, Denmark
Fax/e-mail	+49 345 5527021	Fax/e-mail	+45 36 440171

Title **Synthesis of glycosides with lipid anchor for investigations of biochemical recognition processes**

Author Matthias Schmidt

Key words Synthesis, lipids, surfactants, drug targeting, membranes, oligosaccharides

Supervisor Peter Nuhn

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

Language German

Price Unknown

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

Fax/e-mail +49 345 5527027
nuhn@pharmazie.uni-halle.de

Title **The development of a novel in vitro model suitable for the prediction of bioavailability**

Author Lance Shaw

Key words In vitro, absorption, stability, tablets, dissolution

Supervisor B. Conway

Institution Aston University, Birmingham, UK

Language English

Price Unknown

Address for ordering The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, United Kingdom

Fax/e-mail +44 1937 546333
dsc-customer-services@bl.uk

Title **Phytochemical investigation of aglaia rubiginosa (meliaceae)**

Author Sabine Patricia Weber

Key words Phytochemistry, natural products, NMR, chromatography, stereochemistry

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, Albert-Ludwigs-Universität, Pharmazeutisches Institut, Hermann-Herder-Str. 9, D-79104 Freiburg i. Br., Germany

Fax/e-mail +49 761 2036351
awfracm@sun2.ruf.uni-freiburg.de

Title **Carbocyclic alpha-amino acids: asymmetric strecker-synthesis of a series of 2-alkylated 1-aminocyclopentanecarboxylic acids**

Author Judith Wede

Key words Drug synthesis, chirality, HPLC, NMR, stereochemistry

Supervisor August Wilhelm Frahm

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

Language German

Price USD 5.00

Address for ordering Prof. Dr. A. Wilhelm Frahm, Albert-Ludwigs-Universität, Pharmazeutisches Institut, Hermann-Herder-Str. 9, D-79104 Freiburg i. Br., Germany

Fax/e-mail +49 761 2036351
awfracm@sun2.ruf.uni-freiburg.de

Title **Influence of polymer degradation on extrusion properties, biocompatibility and protein release from biodegradable drug delivery systems**

Author Christian Witt

Key words Implant, biodegradable polymer, polymer characterization, biocompatibility, proteins, drug release mechanism

Supervisor Thomas Kissel

Institution Philipps University, Dept. of Pharmaceutics and Biopharmaceutics, Marburg, Germany

Language English

Price Unknown

Address for ordering Görlich and Weiershäuser Publishers, D-35 037 Marburg, Germany (ISBN 3-89703-345-3)

Fax/e-mail Not available

Title **Use of HPLC-MS with electrospray ionisation for the determination of the penetration and permeation of drugs and penetration modifiers into and through human skin ex vivo on the basis of specific examples**

Author Raik Wolf

Key words HPLC

Supervisor Reinhard Neubert

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

Language German

Price Free of charge

Address for ordering Martin-Luther-Universität, Fachbereich Pharmazie, Dekanat, Hoher Weg 8 D-06120 Halle (Saale), Germany

Fax/e-mail +49 345 5527029
neubert@pharmazie.uni-halle.de