

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-in-Chief or use the electronic forms provided on the EJPB website (www.elsevier.com/locate/ejpb)

Title	Development and validation of an in vitro model to evaluate intestinal permeability and predict oral fraction absorbed	Title	Investigations on the mechanism of UV-B protective effect of humic acids in vitro
Author	Marc-Etienne Castella	Author	Simone Kühn
Key words	Absorption, in vitro assay, metabolism, passive drug transport, pharmacokinetics	Key words	Cytotoxicity, natural polymers, synthetic polymers, in vitro assay, cell culture
Supervisor	Pierre-Alain Carrupt	Supervisor	Hans-Peter Klöcking
Institution	University of Geneva, School of Pharmacy, LCT-Pharmacochemistry, Geneva, CH	Institution	Friedrich-Schiller University, Dept of Pharmacology and Toxicology, Jena, Germany
Language	English	Language	German
Price	Not available	Price	Free of charge
Address for ordering	Not available	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail		Fax/e-mail	+49 345 5527029 / neubert@pharmazie.uni-halle.de
Title	Characterization of large conductance Ca^{2+}-dependent and-independent K^{+}-channels in human keratinocytes	Title	Population pharmacokinetic and pharmacodynamic modelling of NS2330 and its major metabolite in Alzheimer's disease
Author	Evgeny Ivanchenko	Author	Thorsten Lehr
Key words	Proteins, membranes, cell biology, cell culture, in vitro assay, kinetics, proteins	Key words	Pharmacokinetics, pharmacodynamics, mathematical modelling, computer simulation, human study, animal study
Supervisor	F. Markwardt	Supervisor	Ch. Kloft
Institution	Martin Luther University, Julius Bernstein-Institut of Physiology, Halle-Wittenberg, Germany	Institution	Martin Luther University, Dept. of Pharmaceutical Chemistry, Halle-Wittenberg, Germany
Language	English	Language	English
Price	Unknown	Price	Unknown
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, 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 55527018	Fax/e-mail	+49 345 5527029 / neubert@pharmazie.uni-halle.de
Title	Mass spectrometric characterization of elastin peptides and the effect of solar radiation on elastin	Title	Examination of repellent containing suspensions based on hardfat and stabilized with polymers
Author	Melkamu Getie Kebtie	Author	Andreas Melhorn
Key words	Peptides, proteins, biomaterials, macromolecules	Key words	Stabilisation, lipids, suspensions, local delivery, polymers
Supervisor	Reinhard Neubert	Supervisor	Rolf Daniels
Institution	Martin Luther University, Dept. of Pharmaceutical Technology and Biopharmacy, Halle-Wittenberg, Germany	Institution	Technical University of Braunschweig, School of Pharmaceutical Technology, Germany
Language	English	Language	German
Price	Unknown	Price	Free of charge
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany	Address for ordering	Institut für Pharmazeutische Technologie der Technischen Universität Braunschweig, Mendelssohnstr. 1, D-38106 Braunschweig, Germany
Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de	Fax/e-mail	+49 531 3918108 http://opus.tu-bs.de/opus/volltexte/2006/816

Title	Rational strategy and screening methods to identify multifunctional hits for the treatment of Parkinson's and Alzheimer's diseases	Title	Selective preparation of metastable crystals of oral hypoglycemic agents utilizing cyclodextrin complexation
Author	Laura Novaroli	Author	Yo Sonoda
Key words	Drug metabolism, in vitro assay, kinetics, metabolism, molecular pharmacology, pharmacodynamics	Key words	Cyclodextrin, polymorphism, intermolecular interactions, physical pharmacy
Supervisor	Pierre-Alain Carrupt	Supervisor	Kaneto Uekama
Institution	University of Geneva, School of Pharmacy, LCT-Pharmacochemistry, Geneva, CH	Institution	Kumamoto University, Kumamoto, Japan
Language	English	Language	Japanese
Price	Not available	Price	Free of charge
Address for ordering	Not available	Address for ordering	Kumamoto University, 5-1 Oe-honmachi, Kumamoto 862-0973, Japan
Fax/e-mail		Fax/e-mail	+81 96 3714420 uekama@gpo.kumamoto-u.ac.jp
Title	Topical bioavailability of glucocorticosteroids. Dermatopharmacokinetic and dermatopharmacodynamic of topically applied triamcinolone acetone in humans	Title	Liposomes as models for measuring drug/membrane interaction
Author	Carolina Pellanda	Author	Philipp Tauber
Key words	Bioavailability, percutaneous absorption, human study, pharmacodynamics, pharmacokinetics, local delivery	Key words	<i>In vitro</i> assay, liposomes, membranes, partitioning, spectroscopy
Supervisor	Christian Surber	Supervisor	Rolf Schubert
Institution	University Hospital Basel, Hospital Pharmacy, Basel, Switzerland	Institution	Albert-Ludwigs-University, Inst. of Pharmaceutical Sciences, Pharmaceutical Technology and Biopharmacy, Freiburg, Germany
Language	English	Language	German
Price	Free of charge	Price	On request
Address for ordering	Available online at: www.unibas.ch/diss or www.spitalpharmazie-basel.ch/lehre/publikation.htm	Address for ordering	Prof. Dr. Rolf Schubert, Albert-Ludwigs-University, Pharm. Technology and Bio-pharmacy, Hermann-Herder-Str. 9, D-79104 Freiburg
Fax/e-mail	+41 61 2658875 / christian.surber@unibas.ch	Fax/e-mail	+49 761-203 6336 Rolf.Schubert@pharmazie.uni-freiburg.de
Title	Cyclodextrin multicomponent complexes as a strategy to optimize the oral bioavailability of poorly soluble drugs	Title	In vitro studies of ²¹³Bi-rituximab for the treatment of B cell chronic lymphocytic leukaemia
Author	Laura Ribeiro	Author	Katia Vandenbulcke
Key words	Bioavailability, controlled drug delivery, cyclodextrin, dissolution, oral formulation, tablets	Key words	Antibodies, cytotoxicity, in vitro assay
Supervisor	Francisco Veiga	Supervisor	Guido Slegers
Institution	University of Coimbra, Laboratory of Pharmaceutical Technology, Faculty of Pharmacy, Coimbra, Portugal	Institution	University of Ghent, Ghent, Belgium
Language	Portuguese	Language	Dutch
Price	USD 120.00	Price	USD 15.00
Address for ordering	Laura Ribeiro, Urbanização da Quinta da Várzea, lot 30a, rchA, 3030-047 Coimbra, Portugal	Address for ordering	Labo Radiofarmacie, University of Ghent, Harelbekestraat 72, B-9000 Gent, Belgium
Fax/e-mail	lauraribeiro@gmail.com	Fax/e-mail	+32 9 2648071
Title	Single droplet drying of proteins and protein formulations via acoustic levitation	Title	Investigating the molecular basis for the constitutive activity of the nuclear hormone receptor CAR
Author	Heiko Schiffter	Author	Björn Anselm Windshügel
Key words	Microparticles, kinetics	Key words	Proteins, receptor, computer simulation, molecular modelling, molecular dynamics
Supervisor	Geoffrey Lee	Supervisor	Wolfgang Sippl
Institution	Friedrich-Alexander University, Department of Pharmaceutics, Erlangen-Nürnberg, D	Institution	Martin Luther University, Dept. of Pharmaceutical Chemistry, Halle-Wittenberg, Germany
Language	English	Language	English
Price	Free of charge	Price	Unknown
Address for ordering	Prof. Dr. Geoffrey Lee, Lehrstuhl für Pharmazeutische Technologie der Friedrich-Alexander-Universität, Cauerstrasse 4, D-91058 Erlangen, Germany	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	http://www.pharmtech.uni-erlangen.de	Fax/e-mail	+49 345 5527029 sippl@pharmazie.uni-halle.de