

Recently published doctoral theses

Title **Development and validation of an in vitro model to evaluate intestinal permeability and predict oral fraction absorbed**
Author Marc-Etienne Castella
Key words Absorption, in vitro assay, metabolism, passive drug transport, pharmacokinetics
Supervisor Pierre-Alain Carrupt
Institution University of Geneva, School of Pharmacy, LCT-Pharmacochemistry, Geneva, CH
Language English
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Title **Characterization of large conductance Ca²⁺-dependent and-independent K⁺-channels in human keratinocytes**
Author Evgeny Ivanchenko
Key words Proteins, membranes, celle biology, cell culture, in vitro assay, kinetics, proteins
Supervisor F. Markwardt
Institution Martin Luther University, Julius Bernstein-Institut of Physiology, Halle-Wittenberg, Germany
Language English
Price Unknown
Address for ordering Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
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Title **Mass spectrometric characterization of elastin peptides and the effect of solar radiation on elastin**
Author Melkamu Getie Kebtie
Key words Peptides, proteins, biomaterials, macromolecules
Supervisor Reinhard Neubert
Institution Martin Luther University, Dept. of Pharmaceutical Technology and Biopharmacy, Halle-Wittenberg, Germany
Language English
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Title **Investigations on the mechanism of UV-B protective effect of humic acids in vitro.**
Author Simone Kühn
Key words Cytotoxicity, natural polymers, synthetic polymers, in vitro assay, cell culture
Supervisor Hans-Peter Klöcking
Institution Friedrich-Schiller University, Dept of Pharmacology and Toxicology, Jena, Germany
Language German
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Title **Population pharmacokinetic and pharmacodynamic modelling of NS2330 and its major metabolite in Alzheimer's disease**
Author Thorsten Lehr
Key words Pharmacokinetics, pharmacodynamics, mathematical modelling, computer simulation, human study, animal study
Supervisor Ch. Kloft
Institution Martin Luther University, Dept. of Pharmaceutical Chemistry, Halle-Wittenberg, Germany
Language English
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Title **Examination of repellent containing suspensions based on hardfat and stabilized with polymers**
Author Andreas Melhorn
Key words Stabilisation, lipids, suspensions, local delivery, polymers
Supervisor Rolf Daniels
Institution Technical University of Braunschweig, School of Pharmaceutical Technology, Germany
Language German
Price Free of charge
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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
Author Laura Novaroli
Key words Drug metabolism, in vitro assay, kinetics, metabolism, molecular pharmacology, pharmacodynamics
Supervisor Pierre-Alain Carrupt
Institution University of Geneva, School of Pharmacy, LCT-Pharmacochemistry, Geneva, CH
Language English
Price Not available
Address for ordering Not available
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Title Topical bioavailability of glucocorticosteroids. Dermatopharmacokinetic and dermatopharmacodynamic of topically applied triamcinolone acetonide in humans
Author Carolina Pellanda
Key words Bioavailability, percutaneous absorption, human study, pharmacodynamics, pharmacokinetics, local delivery
Supervisor Christian Surber
Institution University Hospital Basel, Hospital Pharmacy, Basel, Switzerland
Language English
Price Free of charge
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Title Cyclodextrin multicomponent complexes as a strategy to optimize the oral bioavailability of poorly soluble drugs
Author Laura Ribeiro
Key words Bioavailability, controlled drug delivery, cyclodextrin, dissolution, oral formulation, tablets
Supervisor Francisco Veiga
Institution University of Coimbra, Laboratory of Pharmaceutical Technology, Faculty of Pharmacy, Coimbra, Portugal
Language Portuguese
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Title Single droplet drying of proteins and protein formulations via acoustic levitation
Author Heiko Schiffter
Key words Microparticles, kinetics
Supervisor Geoffrey Lee
Institution Friedrich-Alexander University, Department of Pharmaceutics, Erlangen-Nürnberg, D
Language English
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Fax/e-mail <http://www.pharmtech.uni-erlangen.de>

Title Selective preparation of metastable crystals of oral hypoglycemic agents utilizing cyclodextrin complexation
Author Yo Sonoda
Key words Cyclodextrin, polymorphism, intermolecular interactions, physical pharmacy
Supervisor Kaneto Uekama
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Title Liposomes as models for measuring drug/membrane interaction
Author Philipp Tauber
Key words *In vitro* assay, liposomes, membranes, partitioning, spectroscopy
Supervisor Rolf Schubert
Institution Albert-Ludwigs-University, Inst. of Pharmaceutical Sciences, Pharmaceutical Technology and Biopharmacy, Freiburg, Germany
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Title *In vitro* studies of ²¹³Bi-rituximab for the treatment of B cell chronic lymphocytic leukaemia
Author Katia Vandenbulcke
Key words Antibodies, cytotoxicity, in vitro assay
Supervisor Guido Slegers
Institution University of Ghent, Ghent, Belgium
Language Dutch
Price USD 15.00
Address for ordering Labo Radiofarmacie, University of Ghent, Harelbekestraat 72, B-9000 Gent, Belgium
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Title Investigating the molecular basis for the constitutive activity of the nuclear hormone receptor CAR
Author Björn Anselm Windshügel
Key words Proteins, receptor, computer simulation, molecular modelling, molecular dynamics
Supervisor Wolfgang Sippl
Institution Martin Luther University, Dept. of Pharmaceutical Chemistry, Halle-Wittenberg, Germany
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