

Recently published doctoral theses

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Title **Flow regulating agents: studies on their mechanism of action on the particulate level**
Author Isabel Anstett
Key words Powder technology, physical pharmacy, nanoparticles, excipients
Supervisor Ingfried Zimmermann
Institution University of Würzburg, Department of Pharmaceutical Technology, Würzburg, Germany
Language German
Price Unknown
Address for ordering At any university library
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Title **Studies on plastoelasticity and drug migration in granules prepared from pyrodextrins of two tropical starches**
Author Anthony A. Attama
Key words Granules
Supervisor Michael U. Adikwu
Institution University of Nigeria, Nsukka, Nigeria
Language English
Price USD 150.00 including postage
Address for ordering Dr. Michael U. Adikwu, Departement of Pharmaceutics, Faculty of Pharmaceutical Sciences, University of Nigeria, Nsukka 410002, Nigeria
Fax/e-mail +234 42 770644 / misuno@aol.com

Title **Biochemical modifications of adenoviral capsids for the binding of ligand or synthetic DNA carriers**
Author Pierre Benaim
Key words DNA, gene therapy, liposomes, receptor, targeted delivery, virus
Supervisor Daniel Samain
Institution I.P.B.S., CNRS UMR 5089, Toulouse, France
Language French
Price Free of charge
Address for ordering Pierre Benaim, I.P.B.S., CNRS UMR 5089 205, route de Narbonne, F-31077 Toulouse, France
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Title **Evaluation of protoporphyrine IX (PpIX) induced by 5-aminolevulinic acid hexylester and hypericin for the photodynamic treatment of bladder cancer**
Author Isabelle Cosserat-Gerardin
Key words Not available
Supervisor Dominique Notter
Institution University Henri Poincaré Nancy I, Faculty of Pharmacy, Nancy, France
Language French and English
Price USD 15.00
Address for ordering Dr. Dominique Notter, University Henri Poincaré Nancy I, Ecole de Pharmacie, 5 rue Albert Lebrun, BP 403, F-54001 Nancy Cedex, France
Fax/e-mail +33 0383178879

Title **Biodegradable microparticles: appropriate vehicles for topical application of acyclovir**
Author Elena García de Jalón Crespo
Key words Microparticles, biodegradable polymers, controlled drug delivery, transdermal drug delivery, cell culture
Supervisors Pilar Ygartua and Susana Santoyo
Institution University of Navarra, Faculty of Pharmacy, Pamplona, Spain
Language English and Spanish
Price Unknown
Address for ordering Universidad de Navarra, Facultad de Farmacia, Irúnlarrea, s/n PO Box 177, E-31080 Pamplona (Navarra) Spain
Fax/e-mail +34 948 425649

Title **Development of new dosage forms for gene transfection in muscle**
Author Guillermo García del Barrio
Key words Biodegradable polymers, DNA, microparticles, controlled drug delivery, gene therapy, sustained drug release
Supervisor Juan M. Irache
Institution University of Navarra, Faculty of Pharmacy, Pamplona, Spain
Language Spanish
Price Unknown
Address for ordering Universidad de Navarra, Facultad de Farmacia, Irúnlarrea, s/n PO Box 177, E-31080 Pamplona (Navarra) Spain
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Title Development of cellular assays for inhibitors of the cytochrom P450 enzymes CYP 17 and CYP11B2 by the recombinant expression of the human enzymes

Author Peter B. Ehmer

Key words In vitro assay, molecular biology, bacteria, cell culture, bioassay

Supervisor Rolf W. Hartmann

Institution University of the Saarland, Department of Pharmaceutical and Medicinal Chemistry, Saarbrücken, Germany

Language German

Price Free of charge

Address for ordering Prof. Dr. Rolf. W. Hartmann, Pharmazeutische und Medizinische Chemie, Naturwissenschaftlich-Technische Fakultät III, Universität des Saarlandes, Postfach 151150, D-66041 Saarbrücken, Germany

Fax/e-mail +49 681 3024386 / rwh@rz.uni-sb.de

Title In vitro and in vivo interactions of three natural anti-microbial adaptogens with fluoroquinolone antibiotics

Author Charles O. Esimone

Key words Natural

Supervisor Michael U Adikwu

Institution University of Nigeria, Nsukka, Nigeria

Language English

Price USD 150.00 including postage

Address for ordering Dr. Michael U Adikwu, Department of Pharmaceutics, Faculty of Pharmaceutical Sciences, University of Nigeria, Nsukka 410002, Nigeria

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Title Influence of receptor-activity-modifying proteins (RAMP) on the formation of functional G-protein-coupled receptors

Author Remo Gujer

Key words Receptor, biotechnology, cell biology, DNA, proteins, peptides

Supervisor Hanns Möhler

Institution Swiss Federal Institute of Technology, (ETH), Zurich, CH

Language English

Price USD 10.00

Address for ordering Swiss Federal Institute of Technology, (ETH), Attn. Mrs Pia Wyrsh, Departement Pharmazie, Winterthurerstrasse 190, 8057 Zurich, Switzerland

Fax/e-mail +41 1 6356883 / pwyrsh@pharma.ethz.ch / rgujer@gmx.net

Title Acetaminophen (paracetamol) pharmacokinetics and analgesic effect in postoperative patients

Author Tina W. Hahn

Key words Clinical investigation, pharmacodynamics, pharmacokinetics, pharmacokinetic modelling, rectal absorption

Supervisor Mette Rasmussen

Institution The Royal Danish School of Pharmacy, Department of Pharmaceutics, Copenhagen, Denmark

Language English

Price Free of charge

Address for ordering Mette Rasmussen, Department of Pharmaceutics, The Royal Danish School of Pharmacy, Universitetsparken 2, DK-2100 Copenhagen, Denmark

Fax/e-mail +45 36 440171 / http://info.dfh.dk/

Title Kinetics and mechanisms of budesonide degradation in propylene glycol solutions

Author Shuguang Hou

Key words Chemical stability, liquid formulation, kinetics, stability

Supervisor Michael Hindle

Institution Virginia Commonwealth University, Department of Pharmaceutics, Richmond, USA

Language English

Price USD 70.00

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Title Oxidation of pharmaceuticals: from small molecules to proteins

Author Susan Hovorka

Key words Not available

Supervisor Christian Schöneich

Institution The University of Kansas, Department of Pharmaceutical Chemistry, Lawrence, USA

Language English

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Title	Design, synthesis, and pharmacological evaluation of thapsigargin analogues and prodrugs for targeting apoptosis to prostatic cancer cells.	Title	Biochemical mechanisms of nitroglycerin action and vascular tolerance
Author	Carsten M. Jakobsen	Author	Woojin Lee
Key words	Drug delivery, molecular modelling, drug synthesis, drug targeting, prodrugs, peptides	Key words	Animal study, metabolism, in vitro assay, biopharmaceutics
Supervisor	Soren Brogger Christensen	Supervisor	Ho-Leung Fung
Institution	The Royal Danish School of Pharmacy, Copenhagen, Denmark	Institution	University at Buffalo, Buffalo, USA
Language	English	Language	English
Price	Free of charge	Price	USD 26.00
Address for ordering	Department of Medicinal Chemistry, The Royal Danish School of Pharmacy, Universitetsparken 2, DK-2100 Copenhagen, Denmark	Address for ordering	University at Buffalo, SUNY, 513 Hochstetter Hall, Department of Pharmaceutical Sciences, Buffalo, NY 14260, USA
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Title	Stabilization and controlled release of formaldehyde-treated protein antigens from PLGA microspheres	Title	In vitro and in vivo studies of microspheres for locoregional delivery of chemo-sensitizing and antineoplastic agents.
Author	Wenlei Jiang	Author	Zhi Liu
Key words	Biodegradable polymers, controlled drug delivery, microparticles, stabilization, proteins	Key words	Local delivery, multidrug resistance, microparticles, cell culture, animal study, polysaccharides
Supervisor	William Hayton	Supervisor	Xiao Yu Wu
Institution	The Ohio State University, College of Pharmacy, Columbus, USA	Institution	University of Toronto, Toronto, USA
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Title	Calystegines in <i>solanum tuberosum</i> L. Molecular cloning, expression and characterisation of tropinone reductase I and II, putative enzymes of the tropane alkaloid pathway	Title	Comparative investigation on particle size analysis of pharmaceuticals by different methods
Author	Ronald Keiner	Author	Daniela Monella
Key words	Phytochemistry, kinetics, molecular biology, proteins, DNA	Key words	Powder technology, spectroscopy, surface chemistry, microscopy, excipients
Supervisor	Birgit Dräger	Supervisor	Gert Fricker
Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany	Institution	Ruprecht-Karls University, Department of Pharmaceutical Technology and Biopharmacy, Heidelberg, Germany
Language	German	Language	German
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Title	Study of the effect of magnesium stearate on the tensile strength of tablets from microcrystalline cellulose	Title	Study of the effect of magnesium stearate on the tensile strength of tablets from microcrystalline cellulose
Author	Jitka Muziková	Author	Jitka Muziková
Key words	Tablets, polysaccharides, compression	Key words	Tablets, polysaccharides, compression
Supervisor	Milan Rehula	Supervisor	Milan Rehula
Institution	Charles University in Prague, Faculty of Pharmacy, Hradec Králové, Czech Republic	Institution	Charles University in Prague, Faculty of Pharmacy, Hradec Králové, Czech Republic
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Title **Investigations of the cytotoxic and cyto-protective potential of selected radical scavengers on human keratinocytes**

Author Anja Nickel

Key words Cell culture, cytotoxicity, in vitro assay, natural products, absorption

Supervisor Wolfgang Wohlrab

Institution Martin Luther University, Clinic and Polyclinic for Dermatology and Venereology, Halle-Wittenberg, Germany

Language German

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neubert@pharmazie.uni-halle.de

Title **Investigations on the impact of oxidative stress in the mediation of UV-induced cell damages and on the photoprotective potential of aspirin in human keratinocytes**

Author Hans-Peter Podhaisky

Key words Cell culture, cytotoxicity, immunoassay, in vitro assay

Supervisor Wolfgang Wohlrab

Institution Martin Luther University, Clinic and Polyclinic for skin diseases, Halle-Wittenberg, Germany

Language German

Price Free of charge

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neubert@pharmazie.uni-halle.de

Title **Comparative phytochemical and pharmacological investigations on the inhibition of prostaglandin-H-synthase isoenzymes by herbal drugs from Chinese medicine, in particular platycodi radix and chaenomelis fructus**

Author Eveline Reiningner

Key words Bioassay, HPLC, in vitro assay, natural products, phytochemistry

Supervisor Rudolf Bauer

Institution Heinrich-Heine University, Department of Pharmaceutical Technology, Düsseldorf, Germany

Language German

Price USD 30.00

Address for ordering Dr. Evenine Reiningner, Tiefentalweg 5a, D-82402 Seeshaupt, Germany

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Title **Role of reactive oxygen species in UV-mediated alterations of keratinocytes with special regard to growth, apoptosis and DANN modifications**

Author Stephan Riemschneider

Key words Absorption, cell culture, DNA, in vitro assay

Supervisor Wolfgang Wohlrab

Institution Martin Luther University, Clinic and Polyclinic for skin diseases, Halle-Wittenberg, Germany

Language German

Price Free of charge

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