

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	Local bioavailability of topical dermatological formulations, in vivo, in man	Title	Synthesis and characterization of chemically modified oligonucleotides and sequence specific DNA alkylating agents
Author	Ingo Alberti	Author	Rasad Dande
Keywords	Bioavailability, mathematical modelling, percutaneous absorption, human study, passive drug transport	Keywords	DNA, oligonucleotides, synthesis, molecular modelling
Supervisor	Richard Guy	Supervisor	Barry Gold
Institution	University of Geneva, School of Pharmacy, Geneva, Switzerland	Institution	University of Nebraska, Medical Center, Omaha, Nebraska, USA
Language	English	Language	English
Price	USD 10.00	Price	Varies
Address for ordering	University of Geneva, School of Pharmacy, 30, quai Ernest-Ansermet, CH-1211 Geneva 4, Switzerland	Address for ordering	University Microfilms, Inc. (UMI), 300 North Zeeb Road, P.O. 1346, Ann Arbor, Michigan 48106-1346, USA
Fax/e-mail	+41 22 7058104/richard.guy@pharm.uni	Fax/e-mail	+1 313 7614700/disspub@umi.com www.umi.com/hp/Support/DServices/Order/
Title	Preparation, evaluation and optimization of rapidly disintegrating tablets	Title	Production of a construct of RAC-1β gene in order to obtain knock out mice
Author	Yunxia Bi	Author	Simona Dariozzi
Keywords	Compression, solid formulation, porosity, process optimization, in vitro/in vivo correlation, tablets,	Keywords	Biotechnology, cell biology, molecular biology, synthesis
Supervisor	Sunada Hisakadzu	Supervisor	Luciano Martini
Institution	Meijo University, Faculty of Pharmacy, Nagoya, Japan	Institution	University of Milano, Department of Endocrinology, Milano, Italy
Language	English	Language	Italian
Price	USD 50.00	Price	Unknown
Address for ordering	Meijo University, Faculty of Pharmacy, Yagotoyama 150, Tempaku-ku, Nagoya 466-8503, Japan	Address for ordering	University of Milano, Department of Endocrinology, Via Balzaretti 9, 20133 Milano, Italy
Fax/e-mail	+81 52 8328904/sunada@meijo-u.ac.jp	Fax/e-mail	+39 2 29404961
Title	Dopamine D₄ receptor antagonists: pharmacophore, 3D-QSAR and 7TM modelling	Title	In vitro investigation of the liberation of fluoride ions from toothpaste compounds in a permeation model
Author	Jonas Boström	Author	Felix Eggert
Keywords	Molecular modelling, receptor	Keywords	Biopharmaceutics, in vitro assay
Supervisor	Tommy Liljefors	Supervisor	Reinhard Neubert
Institution	The Royal Danish School of Pharmacy, Department of Medicinal Chemistry, Copenhagen, Denmark	Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	English	Language	German
Price	Free of charge	Price	Unknown
Address for ordering	Professor Jonas Boström, Department of Medicinal Chemistry, AstraZeneca R&D Mölndal, S-431 83 Mölndal, Sweden	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	jonas.bostrom@astrazeneca.com	Fax/e-mail	+49 345 5527029/ neubert@pharmazie.uni-halle.de

Title **Synthesis of phenothiazines with multi-drug resistance modulating activity**
Author Mariana Escobar Castillo
Keywords Multidrug resistance, in vitro assay, synthesis, cytotoxicity
Supervisors Axel Büge
Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language Peruvian
Price Unknown
Address for ordering Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail +49 345 5527029/neubert@pharmazie.uni-halle.de

Title **Role of platelet-vascular wall interaction in the action of anti-thromboxane drugs**
Author Marta Frigerio
Keywords Molecular pharmacology, receptor, lipids, in vitro assay
Supervisor Simonetta Nicosia
Institution University of Milan, Department of Pharmacological Science, Milan, Italy
Language Italian
Price Unknown
Address for ordering Università di Milano, Istituto di Scienze Farmacologiche, Facoltà di Farmacia, Via Balzaretti 9, 20133 Milano, Italy
Fax/e-mail +39 2 29404961

Title **Characterization and enhancement of human nail permeability**
Author Gouri Gupchup
Keywords Human study, percutaneous absorption
Supervisor Joel Zatz
Institution Rutgers University, College of Pharmacy, Department of Pharmaceutics, Piscataway, NJ, USA
Language English
Price Free of charge
Address for ordering Rutgers University, College of Pharmacy, Department of Pharmaceutics, 160 Frelinghuysen Road, Piscataway, NJ, 08854-8020, USA
Fax/e-mail +1 732 445 4271/sinko@rci.rutgers.edu

Title **Optimization of the topical herpes-therapy with phospholipid gels as drug carrier**
Author Bernd Ibscher
Keywords Liposomes, rheometry
Supervisor Rolf Schubert
Institution Albert-Ludwigs University, Freiburg i. Br., Germany
Language German
Price On request
Address for ordering Professor Dr. Rolf Schubert, Albert-Ludwigs-Universität, Pharmazeutisches Institut, Hermann-Herder-Strasse 9, D-79104 Freiburg i. Br., Germany
Fax/e-mail +49 761 2036366/schurof@ruf.uni-freiburg.de

Title **The evaluation of substrate-binder interactions in model and real granule systems**
Author Filip Kiekens
Keywords Calorimetry, compression, granulation, powder technology, tablet
Supervisor Jean Paul Remon
Institution University of Gent, Laboratory of Pharmaceutical Technology, Gent, Belgium
Language Dutch
Price Unknown
Address for ordering Laboratory of Pharmaceutical Technology, University of Gent, Harelbekestraat 72, B-9000 Gent, Belgium
Fax/e-mail +32 9 222.82.36

Title **Development of an in vitro adhesion model and investigations on the role of TxA₂ in tumor metastasis**
Author Alice Kleber
Keywords Adhesion, cell culture, in vitro assay, molecular biology, membranes, coating
Supervisor Rolf W. Hartmann
Institution University of the Saarland, Pharmaceutical and Medicinal Chemistry, Saarbrücken, Germany
Language German
Price Unknown
Address for ordering Professor 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 **Metabolism of mexiletine in human: role of CYP1A2 and interaction with propafenone**
Author Line Labbé
Keywords Drug metabolism, in vitro assays, pharmacology, pharmacokinetics, chirality, human studies
Supervisor Jacques Turgeon
Institution University of Montreal, Faculty of Pharmacy, Montreal, Canada
Language English
Price CAD 40.00 to CAD 60.00
Address for ordering University Microfilms, Inc. (UMI), 300 North Zeeb Road, P.O. 1346, Ann Arbor, Michigan 48106-1346, USA
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www.umi.com/hp/Support/DServices/Order/

Title **Four thai plants for anti-inflammation**
Author Pisamai Laupattarakasem
Keywords Pharmacology, in vitro assay, in vivo assay phytochemistry
Supervisor Peter Houghton
Institution King's College London, Department of Pharmacy, London, UK
Language English
Price Free of charge
Address for ordering Professor Peter Houghton, Department of Pharmacy, King's College London, Chelsea Campus, Manresa Road, London SW3 6LX, UK
Fax/e-mail +44 171 3515307

Title	Albumin nanoparticulate dosage forms for the administration of ganciclovir	Title	Considerations about the tableting and transformation of the polymorphous drug acetmetacine in conjunction with the excipients hydroxypropyl methycellulose acetate succinate and magnesium carbonate
Author	Marta Merodio	Author	Ralph Rainer Richter
Keywords	Nanoparticle, HPLC	Keywords	Compression, excipients, polymorphism, tablets
Supervisor	Juan Manuel Irache	Supervisor	Gerhard Zessin
Institution	University of Navarra, School of Pharmacy, Pamplona, Spain	Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	English and Spanish	Language	German
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	Professor Gerhard Zessin, Martin-Luther-Universität, Fachbereich Pharmazie, Wolfgang-Langenbeck-Strasse 4, D-06120 Halle (Saale), Germany
Fax/e-mail	+34 948 425649/merodio@unav.es	Fax/e-mail	+49 345 5527029
Title	Development of in vitro and in vivo models for the evaluation of new therapeutical approaches for the treatment of helicobacter pylori infections	Title	Synthesis and properties of 1-(3,5-Di-tert-butyl-4-hydroxyphenyl)-2-propenes and related derivatives – preparation of agents to influence the arachidonic acid cascade
Author	Chiara Martinelli	Author	Christine Schmidt
Keywords	Adhesion, in vitro assay, mucoadhesive polymers, cell culture, in vivo assay	Keywords	Drug synthesis, chemical stability, in vitro assay, spectroscopy, NMR
Supervisor	Carla Caramella	Supervisor	Axel Büge
Institution	University of Pavia, Department of Pharmaceutical Chemistry, Pavia, Italy	Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	English	Language	German
Price	Free of charge	Price	Free of charge
Address for ordering	Professor Chiara Martinelli, Via Stoppani 8, I-22070 Castelnovo Bozzente, Como, Italy	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Dekanat, Hoher Weg 8, D-06120 Halle (Saale), Germany
Fax/e-mail	cmarti01@jaceut.jnj.com	Fax/e-mail	+49 345 5527021 www.pharmazie.uni-halle.de/indexE.html
Title	Thickening influence on microemulsions as enhancer for lipophilic tracer	Title	Purification and analysis of selenoprotein P from human plasma
Author	Houda Osman-Gardabou	Author	Ulrik Sidenius
Keywords	Microemulsions, diffusion, percutaneous absorption, penetration enhancement	Keywords	Analytical chemistry, electrophoresis, proteins
Supervisors	S. Sfar and M.C. Martini	Supervisor	Bente Gammelgaard
Institution	University of Monastir, Monastir, Tunisia	Institution	The Royal Danish School of Pharmacy, Department of Analytical and Pharmaceutical Chemistry, Copenhagen, Denmark
Language	French	Language	English
Price	Unknown	Price	Free of charge
Address for ordering	Departement de Pharmacie Galénique, Faculté de Pharmacie, Rue Avicenne, 5000 Monastir, Tunisie	Fax/e-mail	ulsi@dfh.dk
Fax/e-mail	n.a.		
Title	Synthesis and in vitro evaluation of novel naproxen and ketoprofen prodrugs for topical drug delivery	Title	
Author	Jarkko Rautio	Author	
Keywords	Prodrugs	Keywords	
Supervisor	Tomi Järvinen	Supervisor	
Institution	University of Kuopio, Department of Pharmaceutical Chemistry, Kuopio, Finland	Institution	
Language	English	Language	
Price	Free of charge	Price	
Address for ordering	Jarkko Rautio, University of Kuopio, Department of Pharmaceutical Chemistry, P.O. Box 1627, FIN-70211 Kuopio, Finland	Fax/e-mail	
Fax/e-mail	jarkko.rautio@uku.fi/+358 17 16 24 56		

Title	Contributions for development of an intestinal mucoadhesive therapeutic system on base on the swellable hydrocolloid polymer sodiumalginat	Title	Structural integrity of pharmaceutical proteins in polymeric matrices
Author	Lothar Weidinger	Author	Marco Van de Weert
Keywords	Bioadhesion, controlled drug delivery, mucoadhesive polymers, oral formulation, swelling, tablets	Keywords	Controlled drug delivery, proteins, spectroscopy, microparticles, polymers
Supervisor	Gerhard Zessin	Supervisors	Daan Crommelin and Wim Hennink
Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany	Institution	Utrecht University, Faculty of Pharmacy, Utrecht, The Netherlands
Language	German	Language	English
Price	Unknown	Price	Free of charge
Address for ordering	Professor Gerhard Zessin, Martin-Luther-Universität, Fachbereich Pharmazie, Wolfgang-Langenbeck-Strasse 4, D-06120 Halle (Saale), Germany	Address for ordering	Secretariate Department of Pharmaceutics, Faculty of Pharmacy, Utrecht University, Sorbonnelaan 16, NL-3584 CA Utrecht, The Netherlands
Fax/e-mail	+49 345 5527029	Fax/e-mail	n.a.