

Recently published doctoral theses

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Title **Drug abuse in university students in the Czech Republic**
Author Ilona Becková
Key words Pharmacoepidemiology, pharmacology, statistics
Supervisor Peter Visnovsk
Institution Charles University, Faculty of Pharmacy, Hradec Králové, Czech Republic
Language Czech
Price Free of charge
Address for ordering Charles University, Faculty of Pharmacy, Heyrovského 1203, CZ-50005 Hradec Králové, Czech Republic
Fax/e-mail +420 49 5210002

Title **Diastereo and enantio selective synthesis of β -hydroxy-2-amino norbornencarbo-xylic acid derivatives**
Author Fabrizio Brunetti
Key words Chirality, stereochemistry, synthesis
Supervisor Maria Luisa Gelhi
Institution University of Milan, School of Pharmacy, Milan, Italy
Language Italian
Price Free of charge
Address for ordering Università di Milano, Istituto Chimica Organica, Facoltà di Farmacia, Via Venezian 21, 20133 Milano, Italy
Fax/e-mail +39 2 70638473

Title **Function and disfunction of huntingtin, the protein involved in Huntington's disease**
Author Roberto Cantoni
Key words Biotechnology, cell biology, cell culture, in vitro assay, molecular biology, proteins
Supervisor Elena Cattaneo
Institution University of Milan, Department of Pharmacological Science, Milan, Italy
Language Italian
Price Unknown
Address for ordering Elena Cattaneo, Università di Milano, Istituto di Scienze Farmacologiche, Facoltà di Farmacia, Via Balzaretti 9, 20133 Milano, Italy
Fax/e-mail +39 2 29404961

Title **Physiologically based pharmacokinetic model of flumequine in sheep implicator prediction of tissue concentrations**
Author Anne-Marie Chapel
Key words Pharmacokinetic modelling, drug metabolism, animal study, pharmacokinetics, HPLC
Supervisor Pascal Le Corre
Institution University of Rennes, Rennes, France
Language French
Price Unknown
Address for ordering Laboratoire de Pharmacie Galénique, Biopharmacie et Pharmacie Clinique, UFR Médicales et Pharmaceutiques, 2 ave du Pr Léon Bernard, F-35043 Rennes Cedex, France
Fax/e-mail +33 99 336888

Title **Development and evaluation of viscous poly(ortho esters) for intraocular therapy**
Author Suzanne Einmahl
Key words Biocompatibility, sustained release, biodegradable polymer
Supervisor Robert Gurny
Institution University of Geneva, School of Pharmacy, Geneva, Switzerland
Language English and French
Price Unknown
Address for ordering University of Geneva, School of Pharmacy, Quai Ernest-Ansermet 30, CH-1211 Geneva 4, Switzerland
Fax/e-mail +41 22 702 65 67 / ejpb@pharm.unige.ch

Title **Preparation and testing of vesicular phospholipid gels (VPG for the therapy of solid tumors) in vitro investigation of cisplatin or vindesin containing VPG, in vitro and in vivo investigation of vincristin containing VPG**
Author Frank Güthlein
Key words Liposomes
Supervisor Rolf Schubert
Institution Albert-Ludwigs University, Department of Pharmaceutical Technology, 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
 schurolf@ruf.uni-freiburg.de

Title	From cloning to X-ray structure determination: domains of the neural cell adhesion molecule (NCAM)	Title	Environmental risk assessment of antimicrobials
Author	Christina Kasper	Author	Hans-Christian Holten Lützhof
Key words	Adhesion, protein, molecular biology, intermolecular interactions	Key words	Partitioning, toxicity
Supervisor	Ingrid Jøller Larsen	Supervisor	Bent Halling-Sørensen
Institution	The Royal Danish School of Pharmacy, Department of Medicinal Chemistry, Copenhagen, Denmark	Institution	The Royal Danish School of Pharmacy, Copenhagen, Denmark
Language	English	Language	English
Price	Free of charge	Price	Free of charge (limited number printed)
Address for ordering	Department of Medicinal Chemistry, The Royal Danish School of Pharmacy, Universitets-parken 2, DK-2100 Copenhagen, Denmark	Address for ordering	Department of Pharmaceutics, The Royal Danish School of Pharmacy, Universitets-parken 2, DK-2100 Copenhagen, Denmark
Fax/e-mail	+45 35306040	Fax/e-mail	+45 35306013
Title	Cutaneous drug delivery potential of microemulsion vehicles – application of a pharmacokinetic microdialysis model to assess skin penetration	Title	Synthesis and characterization of mono- and bis-carbazoles
Author	Mads Kreilgaard	Author	Kerstin Urte Meyer
Key words	Bioequivalence, microemulsion, in vitro/in vivo correlation	Key words	Drug synthesis
Supervisor	Lona Christrup	Supervisor	U. Pindur
Institution	The Royal Danish School of Pharmacy, Department of Pharmaceutics, Copenhagen, Denmark	Institution	Johannes Gutenberg University, Institute of Pharmacy, Mainz, Germany
Language	English	Language	German
Price	Free of charge	Price	Unknown
Address for ordering	Mads Kreilgaard, H.Lundbeck A/S, Ottiliavej 9, Dept 845, DK-2500 Valby, Denmark	Address for ordering	Johannes-Gutenberg-Universität, Fachbereich Pharmazie, Staudingerweg 5, D-55099 Mainz 1, Germany
Fax/e-mail	Not available	Fax/e-mail	+49 6131 3923872 / pharmazie.uni-mainz.de
Title	Pharm. Dr., Phd	Title	Investigations of the volatile constituents from species of the genus smyrnium (apiaceae)
Author	Martina Lisa	Author	Ulrike Mölleken
Key words	Pharmacoeconomics, regulatory affairs, local delivery, drug delivery	Key words	Phytochemistry, spectroscopy, NMR
Supervisors	V. Rusekcsc	Supervisor	Karl-Heinz Kubeczka
Institution	Caroline University, Dept of Pharmaceutics, Heyrovského, Hradec Králové, Czech Republic	Institution	University of Hamburg, Hamburg, Germany
Language	Czech	Language	German
Price	Free of charge	Price	Free of charge
Address for ordering	M. Lisa, Rabynskai 739, 14200 Prama 4, Czech Republic	Address for ordering	Professor Dr K.-H. Kubeczka, Untere Steigstrasse 12B, D-97276 Margetshöchheim, Germany
Fax/e-mail	Not available	Fax/e-mail	+49 931 4676211
Title	In vitro and in vivo assay of erythrocytes and micelles used as carriers of alcohol and aldeyde dehydrogenase and the anticancer drug; dequalinium	Title	Allyl sulfide inhibition of the metabolism of methylamyl nitrosamine
Author	Carmen Lizano	Author	Chantey Morris
Key words	Drug carrier, drug delivery, encapsulation, gene therapy, in vitro assay, in vivo assay	Key words	Animal study, drug metabolism, kinetics, in vitro assay, in vivo assay, HPLC
Supervisor	Montserrat Pinilla	Supervisor	Sidney Mirvish
Institution	Manuel Guzmán Navarro	Institution	University of Nebraska Medical Center, Omaha, USA
Language	Alcalà University, School of Medicine, Alcalà, Spain	Language	English
Price	Spanish	Price	Varies
Address for ordering	Unknown	Address for ordering	University Microfilms, Inc. (UMI), 300 North Zeeb Road, P.O. 1346, Ann Arbor, Michigan 48106-1346, USA
Fax/e-mail	Universidad de Alcalá, Facultad de Medicina, Ctra. Madrid-Barcelona, Km 33.600, E-28871 Alcalá de Henares (Madrid). Fax: +34 91 885 4680	Fax/e-mail	+1 313 7614700 / dissupub@umi.com / www.umi.com/hp/Support/DServices/Order/

Title	Comparative investigation on particle size analysis of pharmaceutical compounds	Title	Cardiovaskular receptors in chronic uraemia – a study of the model of sub-totally nephrectomized rat
Author	Daniela Mouella	Author	Peter Röhnert
Key words	Solid formulation, powder technology, polymorphism	Key words	Not available
Supervisor	Gert Fricker	Supervisor	Otto-Erich Brodde
Institution	Ruprecht-Karls University, Department of Pharma-ceutical Technology and Biopharmacy, Heidelberg, Germany	Institution	Martin Luther University, Faculty of Medicine, Halle-Wittenberg, Germany
Language	German	Language	German
Price	On request	Price	Free of charge
Address for ordering	Professor Dr G. Fricker, Ruprecht-Karls-Universität Heidelberg, Institut für Pharmazeutische Technologie und Biopharmazie, Im Neuenheimer Feld 366, D-69120 Heidelberg, Germany	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+49 6221 545971 jw3@ix.urz.uni.heidelberg.de	Fax/e-mail	+49 345 5527021 brodde@pharmazie.uni-halle.de
Title	Drug transport across the placenta: influence of P-glycoprotein on the trans-placental passage	Title	Microbalance method for continous measurement of drying rate during freeze-drying
Author	Petr Pávek	Author	Claudia Roth
Key words	Biological barriers, pharmacokinetics, drug carriers	Key words	Proteins, stabilisation
Supervisor	Zdenek Fendrich	Supervisor	Geoffrey Lee
Institution	Charles University, Faculty of Pharmacy, Hradec Králové, Czech Republic	Institution	Friedrich-Alexander University, Department of Pharmaceutical Technology, Erlangen-Nürnberg, Germany
Language	English and Czech	Language	German
Price	Free of charge	Price	Free of charge: (internet-availability: www.pharmtech.uni-erlangen.de)
Address for ordering	Charles University, Faculty of Pharmacy, Heyrovského 1203, CZ-50005 Hradec Králové, Czech Republic	Address for ordering	Professor Dr Geoffrey Lee, Lehrstuhl für Pharmazeutische Technologie der Friedrich-Alexander-Universität, Cauerstrasse 4, D-91058 Erlangen, Germany
Fax/e-mail	Not available	Fax/e-mail	+49 9131 8529545 / neubarth@pharmtech.uni-erlangen.de
Title	Structure elucidation of viral and human thymidine kinases and enolase from alternaria alternata	Title	Phytochemical and pharmacological-biological studies of Mikania Hum. et Bonpl. as well as studies on structure-activity relationships and on the molecular mechanism of action of sesquiterpene lactones with the transcription factor NF-kappaß as target
Author	Andrea Prota	Author	Peter Rüngeler
Key words	Molecular biology, proteins, viruses, gene therapy	Key words	Phytochemistry, pharmacology, biopharmaceutics, in vitro assay, drug targeting
Supervisor	Gerd Folkers	Supervisor	Irmgard Merfort
Institution	Swiss Federal Institute of Technology, (ETH), Zurich, CH	Institution	Albert-Ludwigs University, Department of Pharmaceutical Biology, Freiburg i. Br., Germany
Language	English	Language	German
Price	USD 25.00	Price	Not available
Address for ordering	Andrea Prota, Althaustr. 15, CH-8957 Spreitenbach, Switzerland	Address for ordering	Professor Dr Irmgard Merfort, Albert-Ludwigs-Universität, Institut für Pharmazeutische Biologie, Schänzlestrasse 1, D-79104 Freiburg i. Br., Germany
Fax/e-mail	Not available	Fax/e-mail	+49 761 2032803
Title	Estrogen receptor and gene expression in the cell cycle		
Author	Barbara Ricci		
Key words	Biotechnology, biopharmaceutics, molecular pharmacology, receptor, cell biology, DNA		
Supervisor	Adriana Maggi		
Institution	University of Milan, Dept of Pharmacological Science, Milano, 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		

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|----------------------|---|----------------------|--|
| Title | Peak recognition and fingerprint data analysis in capillary electrophoresis | Title | Antigene-loaded PLGA microsphere targeting to intestinal lymphoid tissue in swine |
| Author | Bernhard Schirm | Author | Anne-Marie Torché |
| Key words | Electrophoresis, HPLC, mathematical modelling, analytical chemistry | Key words | Antigenes, targeted delivery, microparticles, microscopy, cell culture, mucosa |
| Supervisor | Hermann Wätzig | Supervisor | Pascal Le Corre |
| Institution | Technical University of Braunschweig, Institute of Pharmaceutical Chemistry, Braunschweig, Germany | Institution | University of Rennes, Rennes, France |
| Language | German | Language | French |
| Price | Not available | Price | Unknown |
| Address for ordering | Universität Würzburg, Am Hubland, D-97074 Würzburg, Germany | Address for ordering | Laboratoire de Pharmacie Galénique, Biopharmacie et Pharmacie Clinique, UFR Médicales et Pharmaceutiques, 2 ave du Pr Léon Bernard, F-35043 Rennes Cedex, France |
| Fax/e-mail | +49 931 888-5462 / www.pharmazie.uni-wuerzburg.de/ | Fax/e-mail | +33 99 336888 |
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|----------------------|---|----------------------|---|
| Title | Compressibility and compactibility of excipients during the tableting process. Evaluation of different deformation parameters with the discriminant analysis | Title | Detection of acute damage of mitochondrial function under sepsis, ischemia and reperfusion : respirometrie and enzymatic investigations of skinned muscle fibers |
| Author | Holger Schlack | Author | Sonata Trumbeckaite |
| Key words | Not available | Key words | Stability, in vitro assay, bacteria, spectroscopic methods, membranes, metabolism |
| Supervisor | Rolf Schubert | Supervisor | Andreas Langner |
| Institution | Albert-Ludwigs University, Pharmaceutical Institute, Department of Pharmaceutical Technology Freiburg i. Br., Germany | Institution | Martin Luther University, Halle-Wittenberg, Germany |
| Language | German | Language | Litau |
| Price | On request | Price | Unknown |
| Address for ordering | Professor Dr Rolf Schubert, Albert-Ludwigs-Universität, Pharmazeutisches Institut, Hermann-Herder-Strasse 9, D-79104 Freiburg i. Br., Germany | Address for ordering | Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany |
| Fax/e-mail | +49 761 2036366 / schurolf@ruf.uni-freiburg.de | Fax/e-mail | +49 345 5527021 / www.uni-heidelberg.de/institute/fak17/ |
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|----------------------|--|----------------------|---|
| Title | Polymeric controlled delivery system of vitamin D₃ development characterization and application in chemoprevention of colon cancer | Title | Elucidation of the molecular mechanisms of selectin-mediated leukocyte-rolling to serve as a basis for an antiinflammatory therapy |
| Author | Carmen Segall | Author | Jan Vogel |
| Key words | Controlled drug delivery, mathematical modelling | Key words | Adhesion, in vitro assay, intermolecular interactions, lipids, membranes |
| Supervisor | Joseph Kost | Supervisor | Peter Nuhn |
| Institution | Ben-Gurion University, Beer-Sheva, Israel | Institution | Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany |
| Language | Hebrew | Language | German |
| Price | n.a. | Price | Free of charge |
| Address for ordering | Library, Ben-Gurion University of the Negev, P.O. Box 653, Beer-Sheva 84105, Israel | Address for ordering | Martin-Luther-Universität, Fachbereich Pharmazie, Dekanat, Hoher Weg 8, D-06120 Halle (Saale), Germany |
| Fax/e-mail | Not available | Fax/e-mail | +49 345 5527021
dekanat.pharmazie@urz.uni-heidelberg.de |
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|----------------------|---|----------------------|---|
| Title | Drug transport across the blood brain barrier targeting with liposomal conjugates | Title | Polyethylenimine derivatives for gene transfer : polymer synthesis, coupling of ligands and interaction with DNA |
| Author | Marc Thôle | Author | Anke von Harpe |
| Key words | Blood-brain barrier, liposomes, drug targeting, targeted delivery, cell culture, biological barriers | Key words | Gene therapy, DNA, polymers, targeted delivery, synthesis |
| Supervisor | Gert Fricker | Supervisor | Thomas Kissel |
| Institution | Ruprecht-Karls University, Department of Pharmaceutical Technology and Biopharmacy, Heidelberg, Germany | Institution | Philipps University, Marburg, Germany |
| Language | German | Language | German |
| Price | On request | Price | Not available |
| Address for ordering | Professor Dr Gert, Ruprecht-Karls-Universität Heidelberg, Institut für Pharmazeutische Technologie und Biopharmazie, Im Neuenheimer Feld 366, D-69120 Heidelberg, Germany | Address for ordering | Görich und Weiershäuser Publishers, D-35 037 Marburg (ISBN 3-89703-394-1), Germany |
| Fax/e-mail | +49 6221 545971 / jw3@ix.urz.uni-heidelberg.de | Fax/e-mail | Not available |

Title	Feasibility study for the micro-encapsulation of pamidronate sodium using DL-PLGA-glucose: evaluation of different techniques and devices	Title	Liposomes as dye-carriers for lymph node staining
Author	Uwe Weidenauer	Author	Martin Werner
Key words	Microparticles, drug release mechanism, implants, biodegradable polymers	Key words	Liposomes
Supervisor	Thomas Kissel	Supervisor	Rolf Schubert
Institution	Philipps University, Marburg, Germany	Institution	Albert-Ludwigs University, Freiburg i. Br., Germany
Language	German	Language	German
Price	Not available	Price	On request
Address for ordering	Görich and Weiershäuser Publishers, D-35 037 Marburg (ISBN 3-89703-394-1)	Address for ordering	Professor Dr Rolf Schubert, Albert-Ludwigs-Universität, Pharmazeutisches Institut, Hermann-Herder-Str. 9, D-79104 Freiburg i. Br., Germany
Fax/e-mail	Not available	Fax/e-mail	+49 761 2036366 / schurolf@ruf.uni-freiburg.de