

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	Development of a platform for the nasal delivery of peptides	Title	Permeation of drugs into the brain – correlation with lipophilicity and influence of the application route
Author	Catherine Caliens	Author	Bernd Leo Ferdinand Herber
Key words	Nasal Absorption, bioadhesion, peptides, toxicity, penetration enhancement	Key words	Biological barriers, drug targeting, drug transport, nasal absorption, prodrugs, site-specific absorption
Supervisor	Jean-Paul Remon	Supervisors	P. Spahn-Langguth
Institution	University of Gent, Gent, Belgium	Institution	IMMP, Institut für medizinische und pharmazeutische Prüfungsfragen, Mainz, Germany
Language	Dutch	Language	German
Price	Free of charge	Price	Not available
Address for ordering	Lab. Pharmaceutical Technology, University of Gent, Harelbekestraat 72, B-9000 Gent, Belgium	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+32 9 2648194	Fax/e-mail	+49 345 5527029
Title	Physicochemical properties of semisolid topical forms	Title	Development of a novel phase inversion based process for the preparation of lipid nanocapsules
Author	Zuzana Chalupová	Author	Beatrice Heurtault
Key words	Colloids, emulsions, rheology, stability, surfactants	Key words	Drug carriers, nanoparticles, capsules, lipids, stability
Supervisor	Miloslava Rabisková	Supervisors	Jean-Pierre Benoit
Institution	University of Veterinary and Pharmacy, Brno, Czech Republic	Institution	Inserm ERIT-M 0104, Ingénierie de la vectorisation particulaire, Angers, France
Language	Czech	Language	80% English and 20% French
Price	Not available	Price	Not available
Address for ordering	Zuzana Chalupová, FaF VFU, Palckého 1-3, CZ-612 42 Brno, Czech Republic	Address for ordering	Inserm ERIT-M 0104, Ingénierie de la vectorisation particulaire, 10 rue André Boquet, F-49100 Angers, France
Fax/e-mail	Not available	Fax/e-mail	Not available
Title	Analytics and preparative separation of liposomal systems by zone free-flow electrophoresis	Title	Development and in vitro/in vivo evaluation of aches-PLGA composite microspheres for protein delivery
Author	Thomas Dern	Author	Ge Jiang
Key words	Electrophoresis, liposomes, colloids, drug carriers, electrochemistry	Key words	Hydrogels, protein delivery
Supervisor	Rolf Schubert	Supervisor	Patrick DeLuca
Institution	Albert-Ludwigs University, Department of Pharm. Technol., Freiburg i. Br., Germany	Institution	University of Kentucky, College of Pharmacy, Lexington, USA
Language	German	Language	English
Price	On request	Price	Not available
Address for ordering	Professor Dr. Rolf Schubert, Albert-Ludwigs-Universität, Pharmazeutisches Institut, Hermann-Herder-Str. 9, D-79104 Freiburg i. Br., Germany	Address for ordering	University Microfilms, Inc. (UMI), 300 North Zeeb Road, P.O. 1346, Ann Arbor, Michigan 48106-1346, USA
Fax/e-mail	+49 761 2036366 Rolf. Schubert@pharmazie.uni-freiburg.de	Fax/e-mail	+1 313 7614700 / disspub@umi.com www.umi.com/hp/Support/DServices/Order/

Title	Nucleation and binder dispersion in wet granulation	Title	Modern analytical methods in biopharmaceutics – Capillary electrophoresis and hyphenation between liquid chromatography and mass spectrometry
Author	Karen P. Hapgood	Author	Manuela Plätzer
Key words	Granulation	Key words	Analytical chemistry, cyclodextrin, drug metabolism, electrophoresis, intermolecular interactions
Supervisor	James D. Litster	Supervisor	Reinhard Neubert
Institution	University of Queensland, Department of Chemical Engineering, Brisbane, Australia	Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	English	Language	German
Price	USD 10.– plus postage to destination	Price	Not available
Address for ordering	Professor J.D. Litster, Department of Chemical Engineering, University of Queensland, Brisbane, QLD, Australia 4072 or Karen Hapgood, Merck & Co. WP78-110, P.O. Box 4, West Point, PA, USA 19486	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
Fax/e-mail	+61 7 3365 4199 karen.hapgood@merck.com / +1 215 652 2821	Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de
Title	Soft gelatin capsules containing poorly absorbable drug	Title	Characterization of ENG1 and ENG2 two putative 1,3-β-glucanase genes from <i>candida albicans</i>
Author	Jan Kolcák	Author	Inmaculada Ríos
Key words	Capsules, bioavailability, oral formulation, stabilization, process optimization	Key words	Animal study, polymorphism, molecular biology, DNA, oligonucleotides, proteins
Supervisor	Miloslava Rabisková	Supervisor	Miguel Sánchez and Jesus Pla
Institution	University of Veterinary and Pharmacy, Brno, Czech Republic	Institution	University Complutense, School of Pharmacy, Madrid, Spain
Language	Czech	Language	Spanish
Price	Not available	Price	Free of charge
Address for ordering	Jan Kolcák, Galena IVAX CR, CZ-747 79 Opava 9, Czech Republic	Address for ordering	Departamento de Microbiología II, Facultad de Farmacia, Avda de la Complutense de Madrid, E-Madrid 28040, Madrid, Spain
Fax/e-mail	Not available	Fax/e-mail	Not available
Title	Modulation of L-arginine metabolism in human dermal microvascular endothelial cells (HDMEC)	Title	Effects of an inner polymer skeleton on liposomal membranes
Author	Ramona Körting	Author	Oliver Stauch
Key words	Cell culture, metabolism, molecular biology	Key words	Liposomes, polymers, microscopy, polymer characterization, membranes, polymer chemistry
Supervisor	Wolfgang A. Wohlrab	Supervisors	Rolf Schubert
Institution	Martin-Luther-University, Halle, Germany	Institution	Albert-Ludwigs University, Pharmaceutical Institute, Department of Pharmaceutical Technology, Freiburg i. Br., Germany
Language	German	Language	German
Price	Not available	Price	On request
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany	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	+49 345 5527022	Fax/e-mail	+49 761 2036366 Rolf.Schubert@pharmazie.uni-freiburg.de
Title	Synthesis of tresylated polyethyleneglycol containing membrane lipids for the functionalization of liposomes		
Author	Andreas Lung		
Key words	Liposomes, synthesis, receptor, targeted delivery, stability		
Supervisors	Rolf Schubert		
Institution	Albert-Ludwigs University, Pharmaceutical Institute, Freiburg i. Br., Germany		
Language	German		
Price	On request		
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	+49 761 2036366 Rolf.Schubert@pharmazie.uni-freiburg.de		

Title	Biomimetic polymers for tissue engineering – development and characterization	Title	On the mechanism oxidative stress – a study using lipid model systems
Author	Jörg Karl Volker Tessmar	Author	Hagen Trommer
Key words	Biomaterials, biotechnology, polymer chemistry, proteins, surface chemistry, thermal analysis	Key words	Analytical chemistry, in vitro assay, lipids, liposomes
Supervisors	Achim Göpferich	Supervisor	Reinhard Neubert
Institutions	University of Regensburg, Department of Pharmaceutical Technology, Regensburg, Germany	Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	English	Language	German
Price	Not available	Price	Unknown
Address for ordering	Univ. Regensburg, Lehrst. Pharm. Technologie, Universitätsstr. 32, D-93040 Regensburg, Germany	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
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