

## Recently published doctoral theses

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**Title** **Hyaluronic acid derivatives: structure characterization, determination and dermatic application**  
**Author** Jamal Alyoussef Alkrad  
**Key words** Drug delivery, analytical chemistry, pharmacokinetic modelling, transdermal absorption  
**Supervisor** Reinhard Neubert  
**Institution** Martin Luther University, School of Pharmaceutical Technology and Biopharmacy, Halle-Wittenberg, Germany  
**Language** German  
**Price** Unknown  
**Address for ordering** Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany  
**Fax/e-mail** +49345 5527029  
neubert@pharmazie.uni-halle.de

**Title** **Regulation of NAD(P)H oxidase and LOX-1 by vasoactive peptides and laminar shear stress in the cardiovascular system**  
**Author** Nicole Dürschmidt  
**Key words** Cell culture, human study, lipids, molecular biology, peptides, receptor  
**Supervisor** H. Morawietz  
**Institution** Martin Luther University, Halle-Wittenberg, Germany  
**Language** German  
**Price** Unknown  
**Address for ordering** Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany  
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**Title** **Herbal medicine in Central Ethiopia: utilisation pattern and its pharmaceutical significance**  
**Author** Teferi Gedif Fenta  
**Key words** Pharmacoepidemiology, herbal medicine, ethnopharmacology  
**Supervisor** H.-J. Hahn  
**Institution** Martin Luther University, School of Pharmaceutical Technology and Biopharmacy, 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** **Isotope dilution liquid chromatography mass spectrometry reference measurements procedures for the quantification of tyroïd and peptide hormones in serum and urine**  
**Author** Colette Fierens  
**Key words** HPLC, peptides, spectroscopy  
**Supervisor** Linda Thienpont  
**Institution** University of Gent, Lab. of Anal. Chem., Gent, Belgium  
**Language** Dutch  
**Price** Free of charge  
**Address for ordering** University of Gent, La. Of Anal. Chem., Harelbekestraat 72, B-9000 Gent, Belgium  
**Fax/e-mail** colette.fierens@pi.be

**Title** **Antimycobacterially active compounds of benzazoles and other five-membered heterocycles**  
**Author** Jan Kočí  
**Key words** Drug synthesis, bacteria, in vitro assay, molecular modelling, benzazoles, tetraaza-fulvalene  
**Supervisor** Věra Klimešová  
**Institution** Charles University in Prague, Faculty of Pharmacy, Hradec Králové, Czech Republic  
**Language** Czech  
**Price** Unknown  
**Address for ordering** Charles University in Prague, Faculty of Pharmacy, Department of Inorganic and Organic Chemistry, Heyrovského 1203, 500 05 Hradec Králové, Czech Republic  
**Fax/e-mail** klimeso@faf.cuni.cz

**Title** **The quality of essential drugs on the tanzanian market: influence of tropical climate on in-vitro dissolution and bioavailability**  
**Author** Peter Risha  
**Key words** Bioavailability, in vitro/in vivo correlation, tablets  
**Supervisors** J.P. Remon and C. Vervaet  
**Institution** Laboratory of Pharmaceutical Technology, Ghent University, B-9000 Gent (Belgium)  
**Language** English  
**Price** Free of charge  
**Address for ordering** Laboratory of Pharmaceutical Technology, Ghent University, Harelbekestraat 72, B-9000 Gent (Belgium)  
**Fax/e-mail** +329 222 82 36 / jeanpaul.remon@UGent.be

Title	<b>Synthesis and biological activity of Michael Adducts of ascorbinic acid and activated pyrimidin compounds with nitro olefins</b>	Title	<b>Modification of the skin barrier properties; permeation enhancers and the stratum corneum repair</b>
Author	Dereje Tamiru	Author	Kateřina Vávrová
Key words	Synthesis, analytical chemistry, pharmacology	Key words	Transdermal drug delivery, penetration enhancement, drug synthesis, biological barriers, lipids, chirality
Supervisor	Kurt Eger	Supervisor	Alexandr Hrabálek
Institution	University of Leipzig, Institute for Pharmacy, Pharmaceutical Chemistry, Leipzig, Germany	Institution	Charles University in Prague, Faculty of Pharmacy, Heyrovského 1203, 50005 Hradec Králové, Czech Republic
Language	German	Language	English
Price	Unknown	Price	Free of charge
Address for ordering	University of Leipzig, Library of University, Branch Pharmacy, Talstrasse 35, 04103 Leipzig, Germany	Address for ordering	Kateřina Vávrová, Charles University, Faculty of Pharmacy, Heyrovského 1203, 50005 Hradec Králové, Czech Republic
Fax/e-mail	+49341 97 36889 / eger@uni-leipzig.de	Fax/e-mail	+420-49-5514330, vavrovak@faf.cuni.cz
Title	<b>Compaction of powder blends. Effect of pores, particles and percolation on tablet strength</b>	Title	<b>Development of methods for characterization of ribbons</b>
Author	Bert van Veen	Author	Florian Wöll
Key words	Adhesion, compression, excipients, porosity, powder technology, tablets	Key words	Compression, granulation, porosity, powder technology, process optimization, tablets
Supervisor	Henderik W. Frijlink	Supervisor	Dr. Kleinebudde
Institution	Department of Pharmaceutical Technology, Groningen University Institute for Drug Exploration, A. Deusinglaan 1, 9713 AV Groningen, The Netherlands	Institution	Martin Luther University, School of Pharmaceutical Technology and Biopharmacy, Halle-Wittenberg, Germany
Language	English	Language	German
Price	Free of charge	Price	Unknown
Address for ordering	Department of Pharmaceutical Technology, A. Deusinglaan 1, 9713 AV Groningen, The Netherlands	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany
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