

## Recently published doctoral theses

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**Title** **The history of Magdeburg city's pharmacy from the beginning until 2001**  
**Author** Katharina Albrecht  
**Key words** History, pharmacy, development of medicine, development of pharmacopoeia, organisation of pharmacists  
**Supervisor** Horst Remane  
**Institution** Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany  
**Language** German  
**Price** Free of charge  
**Address for ordering** Martin-Luther-Universität, Fachbereich Pharmazie, D-06099 Halle (Saale), Germany  
**Fax/e-mail** +49 345 5527022

**Title** **Neuroprotective effect of steroidal hormones in experimental models of Parkinson's disease**  
**Author** Sophie Callier  
**Key words** Receptor, pharmacology, animal study, molecular pharmacology, in vitro assay  
**Supervisors** Thérèse Di Paolo and Didier Pelaprat  
**Institution** University Laval, Faculty of Pharmacy, Quebec, Canada and Saint-Antoine Hospital, Unit 339 of INSERM, Paris, France  
**Language** French  
**Price** USD 25.50  
**Address for ordering**  
**Fax/e-mail** [http:// www.lib.umi.com/dissertations](http://www.lib.umi.com/dissertations)

**Title** **Cost-benefit ratio of an intervention program and effect on the quality of life of hypertensive patients treated in community pharmacy**  
**Author** Isabelle Côté  
**Key words** Pharmacoeconomics, pharmacoepidemiology, regulatory affairs patient compliance, human study  
**Supervisor** Jean-Pierre Grégoire  
**Institution** University Laval, Faculty of Pharmacy, Quebec, Canada  
**Language** French and English  
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**Title** **Down regulation study of dopamine D1 receptor by dopaminergic agonists : evidence of a desensitization mechanism**  
**Author** Stéphane Côté  
**Key words** Receptor, pharmacology, pharmacodynamics, cell culture, biotechnology molecular pharmacology  
**Supervisor** Pierre Falardeau  
**Institution** University Laval, Faculty of Pharmacy, Quebec, Canada  
**Language** French and English  
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**Title** **Poly(methylidene malonate 2.1.2)-based microspheres for intracerebral implantation: application to the interstitial chemotherapy of malignant gliomas**  
**Author** Elvire Fournier  
**Key words** Polymere, microparticle, biocompatibility, local delivery, in vivo assay  
**Supervisor** Jean-Pierre Benoît  
**Institution** INSERM, Angers, France  
**Language** English and French  
**Price** Unknown  
**Address for ordering** Confidential thesis  
**Fax/e-mail** +1 514 3437738  
[Elvire.fournier@umontreal.ca](mailto:Elvire.fournier@umontreal.ca)

**Title** **Criteria for the application of hyaluronic acid fragments in respect of UV protection**  
**Author** Doreen Gerlach  
**Key words** Hyaluronic acid, hyaluronic acid fragments, human keratinocytes, human fibroblasts, UV radiation, reactive oxygen species, photoprotective effects  
**Supervisor** Wolfgang Wohlrab  
**Institution** Martin Luther University, Clinic of Dermatology and Venerology, Halle-Wittenberg, Germany  
**Language** German  
**Price** Free of charge  
**Address for ordering** Martin-Luther-Universität, Fachbereich Pharmazie, D-06099 Halle (Saale), Germany  
**Fax/e-mail** +49 345 5527022

Title	<b>Determination of selected drugs and metabolites in biological materials by chromatographic methods</b>	Title	<b>Effect of estradiol and modulators of estrogen receptors on brain aminergic transporters of rat</b>
Author	Gabriela Gilíková	Author	Michelle Landry
Key words	Analytical chemistry, HPLC, in vivo assay, biomaterials, drug metabolism	Key words	Active drug transport, animal study, pharmacology, receptor, molecular pharmacology
Supervisor	Jirí Klimes	Supervisor	Thérèse Di Paolo
Institution	Charles University, Faculty of Pharmacy, Hradec Králové, Czech Republic	Institution	University Laval, Faculty of Pharmacy, Quebec (Quebec), Canada
Language	Czech	Language	French and English
Price	USD 15.00	Price	USD 25.50
Address for ordering	Charles University, Faculty of Pharmacy, Pharmaceutical Chemistry and Drug Control Dept., Heyrovského 1203, CZ-50005 Hradec Králové, Czech Republic	Address for ordering	
Fax/e-mail	+420 495 512523 / novotnal@faf.cuni.cz	Fax/e-mail	<a href="http://www.lib.umi.com/dissertations/">http://www.lib.umi.com/dissertations/</a>
Title	<b>Thymopoietin oligopeptides: Thymotrinan, thymocartin, and thymopentin - intestinal stabilities, permeabilities and in vivo evaluation of thymocartin containing dosage forms</b>	Title	<b>Biologic activity of synthetic polyphenolic compounds</b>
Author	Joachim Heizmann	Author	Kamila Lunerová
Key words	Bioavailability, metabolism, oral drug delivery, paracellular drug transport, peptides	Key words	Natural products, <i>in vitro</i> assay, HPLC, NMR, drug synthesis
Supervisor	Hans P. Merkle	Supervisor	Václav Suchý
Institution	Institute of Pharmaceutical Sciences, ETH, Zurich, Switzerland	Institution	University of Veterinary and Pharmaceutical Sciences, Brno, Czech Republic
Language	English	Language	Czech
Price	Unknown	Price	Free of charge
Address for ordering	Not available	Address for ordering	Department of Natural Drugs, VFU, Palackého 1/3, 612 00 Brno, Czech Republic
Fax/e-mail	Not available	Fax/e-mail	+42 05 41240606 / kristkovak@vfucz.cz
Title	<b>Stability investigation of long-term stored drug substances</b>	Title	<b>Design and optimisation of the resonant mirror, an optical biosensor, for the analysis of microalbuminuria in trauma patients</b>
Author	Alexandra Carola Hillisch	Author	Zoulikha Mohammed
Key words	Analytical chemistry, stability, chemical stability, age of compounds	Key words	Microalbuminuria, creatinine, trauma, inflammation, biological assay, association phase
Supervisor	Herbert Oelschläger	Supervisors	Ann Vernallis and Anna Hine
Institution	Friedrich-Schiller University, School of Pharmacy, Jena, Germany	Institution	Aston University, Birmingham, UK
Language	German	Language	English
Price	Free of charge	Price	May be borrowed at a charge
Address for ordering	<a href="http://www.db-thueringen-de/dissOnline/">http://www.db-thueringen-de/dissOnline/</a>	Address for ordering	The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, United Kingdom
Fax/e-mail	FSU_Jena_Hillisch_Alexandra_Carola alcalijo@aol.com	Fax/e-mail	+44 1937 546333 dsc-customer-services@bl.uk
Title	<b>Studies on the mode of action and <math>\beta</math>-lactamase inhibitory properties of novel oxapenem compounds</b>	Title	<b>Experimental investigations of the photochemistry and phototoxicology of ketoprofen</b>
Author	Conor Jamieson	Author	Antje Kathrin Radschuweit
Key words	Oxapenems, $\beta$ -lactamase, $\beta$ -lactamase inhibitors, penicillin-binding proteins, computer modelling, methicillin-resistant, staphylococcus aureus	Key words	Ketoprofen, photochemistry, phototoxicology, UVA, HaCat, HET, CAM
Supervisor	Peter Lambert	Supervisor	Dr. Rüttinger
Institution	Aston University, Birmingham, UK	Institutions	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language	English	Language	German
Price	May be borrowed at a charge	Price	Free of charge
Address for ordering	The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, United Kingdom	Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, D-06099 Halle (Saale), Germany
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Title **The mode of action of a lipid mobilising factor in cancer cachexia**  
Author Steven Russell  
Key words Lipid-Mobilising factor, lipolysis, uncoupling proteins,  $\beta$ 3-adrenergic receptors, zinc- $\alpha$ 2-glycoprotein, glucose uptake  
Supervisor Michael Tisdale  
Institution Aston University, Birmingham, UK  
Language English  
Price May be borrowed at a charge  
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Title **Transmucosal drug delivery systems. Improvement of hydrophilic drug bioavailability**  
Author Giuseppina Sandri  
Key words Buccal absorption, vaginal absorption, mucoadhesion, penetration enhancement  
Supervisor Carla M. Caramella  
Institution University of Pavia, Department of Pharmaceutical Chemistry, Pavia, Italy  
Language Italian  
Price USD 20.00  
Address for ordering Department of Pharmaceutical Chemistry, University of Pavia, Viale Taramelli 12, 27100 Pavia, Italy  
Fax/e-mail +39 382 422579 /giuseppina.sandri@unipv.it