

## Recently published doctoral theses

**Title** **Application of CE, HPLC and LC-MS-MS for the analysis and quality control of Ginkgo Biloba dosage forms**  
**Author** Mary-Jean Dubber  
**Key words** Electrophoresis, HPLC, Natural products, hytochemistry  
**Supervisor** Isadore Kanfer  
**Institution** Rhodes University, Faculty of Pharmacy, Grahamstown, South Afrca  
**Language** English  
**Price** Free of charge  
**Address for ordering** The University Librarian, Rhodes University Library, Rhodes University, Grahamstown, 6140, South Africa  
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**Title** **Novel strategies and technologies for the aseptic microencapsulation of pharmaceutical compounds**  
**Author** Sergio L. P. Freitas  
**Key words** Biodegradable polymers, encapsulations, extrusion, injectables, microcapsules, microparticles  
**Supervisor** Hans P. Merkle  
**Institution** ETH Zuerich, Institute of Pharmaceutical Sciences, Drug Formulation and Delivery, Zuerich, Switzerland  
**Language** English  
**Price** USD 40.00  
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**Title** **Preparation and characterization of liposomes for active and passive targeting**  
**Author** Andreas Fritze  
**Key words** Controlled drug delivery, drug release mechanism, drug targeting, encapsulations, liposomes, pH-controlled release  
**Supervisor** Regine Peschka-Süss  
**Institution** Albert-Ludwigs-University, Institute of Pharmaceutical Sciences, Pharmaceutical Technology and Biopharmacy, Freiburg, Germany  
**Language** German  
**Price** On request  
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**Title** **Cellular Uptake and intracellular fate of particulate drug delivery systems**  
**Author** Ulrich Stephan Huth  
**Key words** Cell biology, controlled drug delivery, drug release mechanism, drug transport, liposomes  
**Supervisor** Regine Peschka-Süss  
**Institution** Albert-Ludwigs-University, Institute of Pharmaceutical Sciences, Pharmaceutical Technology and Biopharmacy, Hermann-Herder-Str. 9, 79104 Freiburg, Germany  
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**Title** **The mechanism of ultrasound effect on transdermal mass transfer**  
**Author** Ilana Lavon  
**Key words** Local delivery, transdermal drug delivery, drug transport, drug delivery, controlled drug delivery  
**Supervisors** Joseph Kost and Nili Grossman  
**Institution** Ben-Gurion University of the Negev, Beer Sheva, Israel  
**Language** English  
**Price** Unknown  
**Address for ordering** Ben-Gurion University of the Negev, POB 635, Beer Sheva 84105, Israel  
**Fax/e-mail** Unknown

**Title** **Localized delivery of insulin-like growth factor I on the promise of bone repair**  
**Author** Vera Silvia Luginbuehl  
**Key words** Biodegradable polymers, biomaterials, local delivery, microparticles, proteins, sustained drug release  
**Supervisor** Hans P. Merkle  
**Institution** ETH Zuerich, Institute of Pharmaceutical Sciences, Drug Formulation and Delivery, Zuerich, Switzerland  
**Language** English  
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Title **Secondary structural changes of spray-dried proteins in fourier transformed-infrared spectroscopy**  
Author Alexander Mauerer  
Key words Proteins, spectroscopy  
Supervisor Geoffrey Lee  
Institution Friedrich-Alexander University, Department of Pharmaceutics, Erlangen-Nürnberg, D  
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Price Unknown  
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Fax/e-mail +49 9131 8529545  
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Title **Potential Use of 2,6-di-O-methyl-3-O-acetyl- $\beta$ -cyclodextrin as a new therapeutic agent for endotoxin shock induced by LPS**  
Author Keiichi Motoyama  
Key words cyclodextrin, bacteria, cytotoxicity, pharmacology, intermolecular interaction, pharmacology  
Supervisor Kaneto Uekama  
Institution Kumamoto University, Kumamoto, Japan  
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Title **Assignment of new papaverine oxidation and photooxidation products structures**  
Author Karolina Piotrowska  
Key words Analytical chemistry, chemical stability, injectables, kinetics, spectroscopy, stability  
Supervisor Tadeusz W. Hermann  
Institution University of Medical Sciences, Department of Physical Pharmacy and Pharmacokinetics, 6 Święcicki street, 60 781 Poznan, Poland  
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Title **Effects of microparticulate drug delivery systems : tissue responses and trans-cellular transport**  
Author Eva Ragnarsson  
Key words Bacteria, biocompatibility, gene therapy, polymers, toxicity, vaccines  
Supervisor Per Artursson  
Institution Uppsala University, Department of Pharmacy, Uppsala, Sweden  
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Title **Role of excipients in moisture sorption and physical stability of solid pharmaceutical formulations**  
Author Sari Airaksinen  
Key words Excipients, granulation, polymorphism, solid formulation, stability  
Supervisors Jukka Rantanen and Jouko Yliruusi  
Institution University of Helsinki, Division of Pharmaceutical Technology, Faculty of Pharmacy, Helsinki, Finland  
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Title **Compression characteristics of products**  
Author Henning Wegner  
Key words Granulation, tablets  
Supervisor Geoffrey Lee  
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Language German  
Price Unknown  
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Title **Needle-free injection : Attrition forces acting on spray-dried and spray-freeze-dried protein-loaded particles with needle-free injectors**  
Author Andreas Ziegler  
Key words Microparticles, parenteral delivery  
Supervisor Geoffrey Lee  
Institution Friedrich-Alexander University, Department of Pharmaceutics, Erlangen-Nürnberg, D  
Language English  
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