

## Recently published doctoral theses

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**Title** **In vitro percutaneous transport of model compounds: a study of different enhancement methods**  
**Author** Franklin Akomeah  
**Key words** Percutaneous absorption, drug delivery, transdermal absorption, penetration enhancement, hydrogel, biological barriers  
**Supervisor** Marc Brown  
**Institution** Kings College London, Pharmaceutical Sciences Research Division, London, UK  
**Language** English  
**Price** Free of charge  
**Address for ordering** Kings College London, Pharmaceutical Sciences Research Division Franklin-Wilkins building, 150 Stamford Street, London, SE1 9NN  
**Fax/e-mail** +44 207 848 4777 / marc.brown@kcl.ac.uk

**Title** **Characterization of riboflavin-photosensitized changes in alginate polymer matrices for pharmaceutical applications**  
**Author** Stefania G. Baldursdottir  
**Key words** Controlled drug delivery, polymers, hydrogels, biocompatibility, photochemistry, diffusion  
**Supervisors** Bo Nyström, Sverre Arne Sande and Anna-Lena Kjøniksen  
**Institution** University of Oslo, Department of Pharmaceutics, School of Pharmacy, Farmasøytisk institutt, Blindern, Oslo  
**Language** English  
**Price** Unknown  
**Address for ordering** Farmasøytisk bibliotek, P.b. 1068 Blindern, 0316 Oslo  
**Fax/e-mail** farmasoytisk.bibliotek@ub.uio.no

**Title** **Methods for the characterization of large-scale prepared lipoplexes for gene transfer**  
**Author** Jule Clement  
**Key words** Controlled drug delivery, gene therapy, lipids, liposomes, polymers, process optimization  
**Supervisor** Regine Peschka-Süss  
**Institution** Albert-Ludwigs-University, Institute of Pharmaceutical Sciences, Pharmaceutical Technology and Biopharmacy, Freiburg, Germany  
**Language** German  
**Price** On request  
**Address for ordering** PD Dr. Regine Peschka-Süss, Pharm. Technology and Biopharmacy Hermann-Herder-Str. 9, D-79104 Freiburg  
**Fax/e-mail** +49 761 203 6326  
 Regine.Peschka-Suess@pharmazie.uni-freiburg.de

**Title** **Involvement of bile acids in the enhanced oral bioavailability of a new antidiabetic agent, 2-(N-cyanoimino)-5-{(E)-4-styrylbenzylidene}-4-oxothiazolidine (FPFS-410) by inclusion complexation with 2-hydroxypropyl- $\beta$ -cyclodextrin**  
**Author** Takumi Hara  
**Key words** Cyclodextrin, absorption, bioavailability, metabolism, dissolution, oral drug delivery  
**Supervisor** Kaneto Uekama  
**Institution** Kumamoto University, Kumamoto, Japan  
**Language** Japanese  
**Price** Free of charge  
**Address for ordering** Kumamoto University, 5-1 Oe-honmachi, Kumamoto 862-0973, Japan  
**Fax/e-mail** +81 96 371 4420  
 uekama@gpo.kumamoto-u.ac.jp

**Title** **Study on nanoparticles contrast agent for liver targeting in the MRI**  
**Author** Tiefert Li  
**Key words** Drug targeting, liposomes, nanoparticles, pharmacodynamics, synthesis, toxicity  
**Supervisor** Yingjie Deng  
**Institution** Shenyang Pharmaceutical University  
**Language** Chinese  
**Price** USD 1,000.00  
**Address for ordering** Shenyang City, Shenhe District, Wenhua Road 103, 110016, P. R. China  
**Fax/e-mail** ltfybe@hotmail.com

**Title** **New possibilities for the development of iron(II) sulphate containing solid products with sustained drug release**  
**Author** Edina Pallagi  
**Key words** Sustained drug release, solid formulation, *in vitro/in vivo* correlation, bioavailability  
**Supervisors** Pirooska Szabó-Révész<sup>(1)</sup> and Joachim Ulrich<sup>(2)</sup>  
**Institution** <sup>(1)</sup>University of Szeged, Department of Pharmaceutical Technology, Szeged, Hungary  
<sup>(2)</sup>Martin-Luther-University Halle-Wittenberg, Institute of Process Engineering, Halle, Germany  
**Language** English  
**Price** Free of charge  
**Address for ordering** University of Szeged, Department of Pharmaceutical Technology, Eötvös u. 6., Szeged H-6720, Hungary  
**Fax/e-mail** +3662 545 571  
 edina.pallagi@pharm.u-szeged.hu