

## Recently published doctoral theses

**Title** **Pulmonary DNA Vaccine Delivery : Carrier systems for pulmonary application of *Mycobacterium tuberculosis* DNA vaccines for induction of enhanced immune responses**

**Author** Maytal Bivas-Benita

**Key words** DNA, emulsions, mucosa, nanoparticles, pulmonary absorption, vaccines

**Supervisors** Hans Junginger and Gerrit Borchard

**Institution** Leiden/Amsterdam Center for Drug Research, Department of Drug Delivery Technology, Gorlaeus laboratories, Leiden, The Netherlands

**Language** English

**Price** EUR 10.00

**Address for ordering** Department of Drug Delivery Technology (Mrs. Connie van Gent)  
Leiden/Amsterdam Center for Drug Research  
Einsteinweg 55, NL-2333 CC Leiden

**Fax/e-mail** +31 71 527 4565 / maytalb@mac.com

**Title** **Development of biodegradable implants for intraocular administration of corticosteroids.**

**Author** Silvia Ligório Fialho

**Key words** Sustained drug release, biodegradable polymers, implant, ocular absorption, pharmacokinetics, toxicity

**Supervisor** Armando da Silva-Cunha

**Institution** Federal University of Minas Gerais, Faculty of Pharmacy, Belo Horizonte, Brazil

**Language** Portuguese

**Price** Free of charge

**Address for ordering** Rua Aripuanã, 121 apto 303 - Buritis - CEP 30455-830 - Belo Horizonte/MG - Brasil

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silvia\_fialho@yahoo.com.br

**Title** **Modification of Biopharmaceutical properties of drugs using liposomes entapping their complexes or their complexes or their conjugates with  $\gamma$ -cyclodextrin**

**Author** Yoshiyuki Hagiwara

**Key words** Cyclodextrin, liposomes, drug carriers, drug delivery, targeted 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

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uekama@gpo.kumamoto-u.ac.jp

**Title** **Nanoparticles as drug carriers across the blood-brain barrier**

**Author** Joanna M. Koziara

**Key words** Biocompatibility, nanoparticles, drug delivery, microemulsion, targeted delivery, multidrug resistance

**Supervisor** Russell J. Mumper

**Institution** University of Kentucky, College of Pharmacy, Lexington, Kentucky, USA

**Language** English

**Price** Unknown

**Address for ordering** University of Kentucky College of Pharmacy  
725 Rose St., Lexington, KY 40536-0082

**Fax/e-mail** Unknown

**Title** **Biodegradable polymeric nanoparticle for anticancer drug delivery**

**Author** Teresa Musumeci

**Key words** Biodegradable polymers, nanoparticles, drug delivery, drug carriers, *in vitro* assay, lyophilization

**Supervisor** Giovanni Puglisi

**Institution** University of Catania, Department of Pharmaceutical Sciences, Catania, Italy

**Language** Italian

**Price** EUR 20.00

**Address for ordering** Prof. Giovanni Puglisi, University of Catania Dipartimento di Scienze farmaceutiche, Città Universitaria, viale Andrea Doria 6, I-95125 Catania, Italy

**Fax/e-mail** +39 09 522 2239 / puglisig@unict.it

**Title** **Surface modified silica nanoparticles as gene carriers: Synthesis, characterization and transfection efficiency *in vitro* & *in vivo***

**Author** Mohammad Sameti

**Key words** Nanoparticles, cell culture, DNA, gene therapy, lyophilization, NMR, drug transport

**Supervisor** Claus-Michael Lehr

**Institution** Saarland University, Biopharmaceutics and Pharmaceutical Technology, Saarbrücken, Germany

**Language** English

**Price** EUR 10.00

**Address for ordering** A pdf-version on CD can be provided upon request.

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