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European Journal of Pharmaceutics and Biopharmaceutics 63 (2006) 76–77

**European
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Title	Dynamic system analysis of receptor interaction and effectuation mechanisms of digoxin in the rat heart	Title	Solubilization of highly lipophilic drugs in mixed micellar systems and its influence upon drug absorption process
Author	Myoungki Baek	Author	Bashar Hunien
Key words	Mathematical modelling, pharmacokinetics, pharmacodynamics, receptor	Key words	Absorption, colloids, drug carriers, in vitro assay, HPLC, spectroscopy
Supervisor	Michael Weiss	Supervisor	Reinhard Neubert
Institution	Martin-Luther University, Institute of pharmacology and toxicology, section of Pharmacokinetic, Dept of Medicine, Halle-Wittenberg, Germany	Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany
Language	English	Language	German
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Fax/e-mail	+49 345 5527029 weiss@pharmazie.uni-halle.de	Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de
Title	Investigation of stratum corneum ceramide profiles in the non involved skin of atopic dermatitis and psoriasis patients by means of AMD-HPTLC and HPLC/ APCI-MS	Title	Aggregation and structural changes in spray-dried immunoglobulins
Author	Hany Farwanah	Author	Michael Maury
Key words	Human study, lipids, analytical chemistry, HPLC	Key words	Proteins, stabilization
Supervisor	Reinhard Neubert	Supervisor	Geoffrey Lee
Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany	Institution	Friedrich-Alexander University, Erlangen-Nürnberg, D
Language	German	Language	English
Price	Unknown	Price	Unknown
Address for ordering	Martin-Luther-Universität, Fachbereich Pharmazie, Weinberg 15, D-06120 Halle (Saale), Germany	Address for ordering	Prof. Dr. Geoffrey Lee, Lehrstuhl für Pharmazeutische Technologie der Friedrich-Alexander-Universität, Cauerstrasse 4, D-91058 Erlangen, Germany
Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de	Fax/e-mail	+49 9131 8529545 www.pharmtech.uni-erlangen.de
Title		Title	Transport of cationic drugs at the epithelia of intestine and placenta
Author		Author	Johanna Müller
Key words		Key words	Biological barriers, cell culture, drug carriers, drug transport
Supervisor		Supervisor	Reinhard Neubert
Institution		Institution	Martin-Luther University, Dept of Pharmaceutical Technology & Biopharmacy, Halle-Wittenberg, Germany
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Fax/e-mail		Fax/e-mail	+49 345 5527029 neubert@pharmazie.uni-halle.de

Title	Enterococcal surface protein (Esp) – epidemiology and transfer between enterococcal strains	Title	Spray-freeze-dried protein powders for needle-free-injection
Author	Claudia Oancea	Author	Christian Rochelle
Key words	Adhesion, bacteria, DNA, electrophoresis, molecular biology, multidrug resistance	Key words	Proteins, parenteral delivery, polysaccharides, stabilization
Supervisor	Wolfgang Witte	Supervisor	Geoffrey Lee
Institution	Martin-Luther University, Robert-Koch Institute, Halle-Wittenberg, Germany	Institution	Friedrich-Alexander University, Department of Pharmaceutics, Erlangen-Nürnberg, D
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