

Recently published doctoral theses

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Title **Assessment of myocardial infarction in rats by magnetic resonance imaging at 7 tesla using contrast agents**

Author Catherine Chapon

Key words Animal study, biotechnology, nanoparticles, NMR.

Supervisor Jean-Jacques Le Jeune

Institution Inserm ERIT-M 0104 Ingenierie de la Vecto-
risation Particulaire, Angers – France

Language French

Price Unknown

Address for ordering Inserm ERIT-M 0104 Ingenierie de la Vecto-
risation Particulaire, Immeuble IBT - 10, rue
Andre Boquel, F-49100 Angers, France

Fax/e-mail +33 2 41 73 58 53
catherine.chapon@csc.mrc.ac.uk

Title **Topological analyses of the interaction of atypical allosteric modulators with the M2 acetylcholine receptor**

Author Andreas Dittmann

Key words Cell culture, intermolecular interactions, membranes, molecular pharmacology, pharmacodynamics, receptor

Supervisor Klaus Mohr

Institution University of Bonn, Institute of Pharmacy,
Pharmacology und Toxicology, Bonn, Germany

Language German

Price Free of charge

Address for ordering Online: [http://hss.ulb.uni-bonn.de/
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Fax/e-mail +49 228 73 92 15
andreas-dittmann@uni-bonn.de

Title **Asymmetrical flow field-flow-fractionation in pharmaceutical analytics/Investigations in aggregation tendencies of pharmaceutical antibodies**

Author Wolfgang Fraunhofer

Key words Antibodies, biopharmaceutics, stability, proteins, analytical chemistry, liquid formulation

Supervisor Gerhard Winter

Institution Ludwig-Maximilians-University, Department
for Pharmaceutical Technology and Biophar-
maceutics, Munich, Germany

Language English

Price Free of charge

Address for ordering Ludwig-Maximilians-University, Department
for Pharmaceutical Technology & Biopharma-
ceutics, Butenandtstrasse 5-13, Building B,
D-81377 Munich, Germany

Fax/e-mail +49 89 2180 77020
wolfgang.fraunhofer@abbott.com

Title **Analysis of ACE inhibitors and angio-tensin-II-receptor antagonists by capillary electrophoresis**

Author Sandra Hillaert

Key words Analytical chemistry, electrophoresis, mathe-
matical modelling, statistics

Supervisor Walter Van den Bossche

Institution Ghent University, Faculty of Pharmaceutical
Sciences, Gent, Belgium

Language Dutch

Price Free of charge

Address for ordering Sandra Hillaert, FFW, Harelbekestraat 72,
B-9000 Gent, Belgium

Fax/e-mail sandra.hillaert@ugent.be

Title	Development of a non-viral upscalable formulation for the transfection of human vascular endothelial cells and smooth muscle cells	Title	Bone tissue engineering from marrow stromal cells: Effects of growth factors and biomaterials
Author	Karin Kiefer	Author	Esther Lieb
Key words	Active drug transport, cell culture, drug targeting, gene therapy, injectables, liposomes	Key words	Biodegradable polymers, biomaterials, cell biology, cell culture
Supervisor	Regine Peschka-Süss	Supervisor	Achim Göpferich
Institution	Albert-Ludwigs-University of Freiburg im Breisgau, Institute of Pharmaceutical Sciences, Pharmaceutical Technology, Freiburg, Germany	Institution	University of Regensburg, Department of Pharmaceutical Technology, Regensburg, Germany
Language	German	Language	English
Price	On request	Price	Unknown
Address for ordering	Prof. Dr. Rolf Schubert, Pharmaceutical Technology, Hermann-Herder-Str. 9, D-79104 Freiburg, Germany	Address for ordering	Lst. Pharmazeutische Technologie, Universität Regensburg, Universitätsstr. 31, D-93040 Regensburg, Germany
Fax/e-mail	+49 761-203 6366 Rolf.Schubert@pharmazie.uni-freiburg.de	Fax/e-mail	+49 941-943 4807 achim.goepferich@chemie.uniregensburg.de
Title	Glucose-oxidase liposomes for the therapy of the chronic granulomatous disease (CGD): in vitro functionality, granulocyte targeting and action in the organism	Title	Application of anionic polymers as basic-factors carriers for acne vulgaris prophylaxis
Author	Andrea Kimpfler	Author	Witold Musiał
Key words	Active drug transport, animal study, drug targeting, encapsulations, injectables, liposomes	Key words	Drug carriers, hydrogels, <i>in vitro</i> assay, intermolecular interactions, natural polymers, sustained drug release
Supervisor	Rolf Schubert	Supervisor	Aleksander A. Kubis
Institution	Albert-Ludwigs-University of Freiburg im Breisgau, Institute of Pharmaceutical Sciences, Pharmaceutical Technology, Freiburg, Germany	Institution	Wrocław Medical University, Drug Form Technology Department, Wrocław, Poland
Language	German	Language	Polish
Price	On request	Price	~USD 24.00 (printing cost)
Address for ordering	Prof. Dr. Rolf Schubert, Pharmaceutical Technology, Hermann-Herder-Str. 9, D-79104 Freiburg, Germany	Address for ordering	Wrocław Medical University, Drug Form Technology Department, Szewska 38/39, 50-139 Wrocław, Poland
Fax/e-mail	+49 761-203 6366 Rolf.Schubert@pharmazie.uni-freiburg.de	Fax/e-mail	+48 71 7840315, witold@bf.uni.wroc.pl or fresen@gazeta.pl
Title	Using of sequential injection analysis for pharmaceutical important drug determination	Title	Use of the iron-chelating agents in the prevention of the oxidative stress-induced heart injury
Author	Zlataše Legnerová	Author	Tomas Šimunek
Key words	Analytical chemistry, HPLC, tablets, SPE, physical pharmacy	Key words	Animal study, pharmacology, toxicity
Supervisor	Petr Solich	Supervisor	Radomír Hrdina
Institution	Department of Analytical Chemistry, Faculty of Pharmacy, Charles University, Hradec Králové, Czech Republic	Institution	Charles University, Faculty of Pharmacy, Department of Pharmacology and Toxicology, Hradec Králové, Czech Republic
Language	Czech	Language	Czech, English
Price	Free of charge	Price	Unknown
Address for ordering	Dpt of Analytical Chemistry, Faculty of Pharmacy, Charles University, Heyrovského 1203, 500 05 Hradec Králové, Czech Republic	Address for ordering	Dr. Tomas Šimunek, Charles University, Faculty of Pharmacy, Heyrovského 1203, 500 05 Hradec Králové, Czech Republic
Fax/e-mail	+420 49 5518718 / solich@faf.cuni.cz	Fax/e-mail	+420 495 514 373 / simunek@faf.cuni.cz

Title	LC and CE Hyphenated to MS for the analysis of natural products, pharmaceuticals, polymers and peptides	Title	Stability, permeability and pharmacokinetics of perorally administered fumarates
Author	Gerd Vanhoenacker	Author	Dorothea Werdenberg
Key words	Analytical chemistry, colloids, electrophoresis, HPLC, natural products, peptides	Key words	Absorption, bioavailability, metabolism, stability, pharmacokinetics, oral drug delivery
Supervisor	Denis de Keukeleire	Supervisor	Hans P. Merkle
Institution	Ghent University, Faculty of Pharmaceutical Sciences, Gent, Belgium	Institution	Institute of Pharmaceutical Sciences – ETH Zürich, Zürich, Switzerland
Language	English	Language	English
Price	USD 25.00	Price	~USD 23.00
Address for ordering	Gerd Vanhoenacker, Kennedypark 20, B-8500 Kortrijk, Belgium	Address for ordering	Institute of Pharmaceutical Sciences – ETH Zürich, Galenische Pharmazie, Winterthurerstrasse 190, CH-8057 Zürich, Switzerland
Fax/e-mail	+32 56 204859 gerd.vanhoenacker@richrom.com	Fax/e-mail	christina.brun@pharma.ethz.ch
Title	Comparative studies on manufacturing methods for cationic liposomes	Title	Stabilization of pharmaceutical protein formulations by vacuum drying: process optimization of different vacuum drying processes, investigation of aggregation-phenomena and evaluation of excipients
Author	Saskia Waibler	Author	Matthias Willmann
Key words	Liposomes, lipids, extrusion, lyophilisation, sterilisation	Key words	Lyophilisation, proteins, stabilisation, excipients, process optimization, cyclodextrine
Supervisor	Gerhard Winter	Supervisor	Gerhard Winter
Institution	Ludwig-Maximilians-University, Department for Pharmaceutical Technology and Biopharmaceutics, Munich, Germany	Institution	Ludwig-Maximilians-University, Department for Pharmaceutical Technology and Biopharmaceutics, Munich, Germany
Language	English	Language	German
Price	Free of charge	Price	~USD 50.00+distribution
Address for ordering	Ludwig-Maximilians-University, Department for Pharmaceutical Technology and Biopharmaceutics, Butenandtstrasse 5-13, Building B, D-81377 Munich, Germany	Address for ordering	ISBN: 3-89963-027-0, Verlag Dr. Hut, Inh. Dr. Wolfgang Engel, Sternstr. 18, 80538 München, Germany bestellung@dr.hut-verlag.de
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