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Recently published doctoral theses

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Title 1-Naphthol UDP-glucuronosyltransferases in human cellular models: their expression and inducibility
Author Amr Abib
Key words UDP-glucuronosyltransferases, hepatocytes, hepatoma cell lines, cytochrome P450, enzyme induction
Supervisor Nicole Sabolovic
Institution University of Henri Poincaré, Nancy I, France
Language French
Price Not available
Address for ordering Bibliothèque de Pharmacie, Rue Lionnois, F-54000 Nancy, France

Title Role of various cytochrome P-450 isozymes in the stereoselective metabolism of mexiletine
Author Zohreh Abolfathi
Key words Cytochrome P-450, mexiletine, pharmacokinetics, drug metabolism, stereoselectivity
Supervisor Jacques Turgeon
Institution University of Laval, Quebec, Canada
Language French
Price Not available
Address for ordering Faculté des études graduées, Pavillon Jean-Charles Bonenfant, Université Laval, Québec, QC G1K 7P4, Canada

Title Contribution to the study of single-punch tablet machines instrumentation
Author Beatriz Artalejo-Ortega
Key words Tablets, instrumented tablet press, compression forces, ejection force, displacement measurements
Supervisors Alfonso del Pozo Carrascosa and Claudi Faulí Trillo
Institution University of Barcelona, Barcelona, Spain
Language Spanish
Price Not available
Address for ordering Dra. Beatriz Artalejo-Ortega, Unitat Funcional de Farmàcia Galènica, Departament de Farmàcia, Facultat de Farmàcia, Av. Joan XXIII s/n, E-08028-Barcelona, Spain

Title Influence of surface properties of poly (α -hydroxyacids) microspheres on bovine serum albumin adsorption
Author Franck Boury
Key words Microspheres, poly(α -hydroxyacids), bovine serum albumin, surface properties
Supervisor Jacques-Emile Proust
Institution University of Paris XI, Paris, France
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Title Properties and stability of interface in presence of salicylic drugs
Author Françoise Crutchet-Nielloud
Key words O/W emulsion, salicylic drugs, oil-water interface, interfacial tension, experimental design, phase diagrams
Supervisor Hélène Maillols
Institution University of Montpellier I, School of Pharmacy, Montpellier, France
Language French
Price US\$ 40.00
Address for ordering Françoise Nielloud, Laboratoire de Technique Pharmaceutique Industrielle, Faculté de Pharmacie, Av. Charles Flahault 15, F-34060 Montpellier Cedex, France

Title The use of the tableting indices in the prediction of the compactability of solid pharmaceuticals
Author Nipun Davar
Key words Compaction, tableting physics, assessing compactability, hiestand indices, direct compression
Supervisor Larry L. Augsburger
Institution University of Maryland, Baltimore, USA
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Title Investigation to the modification of dissolution and swelling of hydroxypropyl methylcellulose phthalate films by additives
Author Jürgen Fröde
Key words Not available
Supervisor Gerhard Zessin
Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
Language German
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Title Controlled drug delivery systems
Author Elisabetta Gianasi
Key words Release kinetics, poly(mema) microspheres, BSA microcapsules, drug targeting, niosomal-PK1, Vittorio Zecchi
Supervisor Vittorio Zecchi
Institution University of Bologna, Department of Pharmaceutical Science, Bologna, Italy
Language Italian
Price Free of charge
Address for ordering Elisabetta Gianasi, Dip. Scienze Farmaceutiche, via San Donato 19/2, I-40127 Bologna, Italy, Fax: +39 51 253664

Title **Liposomes for pulmonary administration: technological aspects and application to the activation of alveolar macrophages**
Author Pierre Goldbach
Key words Liposomes, pulmonary delivery, macrophage activation, immunomodulator
Supervisor André Stamm
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Author Patricia Gravel
Key words Proteins, electrophoresis, alcoholism, 2-D page
Supervisors Pierre Buri and Luc P. Balant
Institution University of Geneva, Geneva, Switzerland
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Author Burkhard Hinz
Key words Not available
Supervisor Rolf Hirschelmann
Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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Author Britta Husse
Key words Not available
Supervisor Martin Luckner
Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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Author Stefan Huth
Key words Not available
Supervisor Reinhard Neubert
Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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Title **Modification of solid particle surface by non-ionic surfactants in aqueous solution: adsolubilization of steroids barbituric acids and other drugs**
Author Jocelia Jansen
Key words Admicelles, non-ionic surfactants, nanoparticles, adsolubilization
Supervisors Catherine Vauton and Claude Treiner
Institution University of Paris XI, Paris, France
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Author Jahnvi S. Kharidia
Key words Procainamide, radiotelemetry, pharmacodynamics, *n*-acetylprocainamide, pharmacokinetics, exercise
Supervisor Natalie D. Eddington
Institution University of Maryland, Baltimore, USA
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Author Malika Lahiani-Skiba
Key words Liposomes, ATP, spermatozooids, PC12
Supervisor Jacques Delattre
Institution University of Paris XI, Paris, France
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Author Jürgen Leimbach
Key words Structure, adsorbate, surfactant, surface-modified, silica, titanium dioxide
Supervisor Herbert Rupprecht
Institution University of Regensburg, Inst. of Pharmaceutical Chemistry, Regensburg, Germany
Language German
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Title **Biodegradable or pH sensitive nanoparticles for the intravenous or oral administration of chemotherapeutic compounds**
Author Jean-Christophe Leroux
Key words Nanoparticles, opsonization, HIV protease inhibitor, cancer chemotherapy, poly(lactic acid)
Supervisors Robert Gurny and Eric Doelker
Institution University of Geneva, Geneva, Switzerland
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Title Buccal delivery of model peptide using a mucoadhesive patch system
Author Cheng Li
Key words Transmucosal, oxytocin, TRH, mucoadhesive, buccal
Supervisor Thomas P. Johnston
Institution University of Illinois, Chicago, USA
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Author Andreas Liebau
Key words Not available
Supervisor Martin Luckner
Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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Title Characterization of the pharmacokinetics and pharmacodynamics of the stereoisomers of mivacurium in humans and dogs
Author Sonia I. Lugo
Key words Mivacurium, neuromuscular blockade, stereoisomers, pharmacokinetics, pharmacodynamics
Supervisor Natalie D. Eddington
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Title Synthesis, structure determination and pharmacological activity of a series of 1,3-dioxolanes as potential muscarinic antagonist
Author Luca Malmusi
Key words 1,3-dioxolanes, muscarinic, antagonist, NMR spectroscopy, configurational analysis
Supervisor Livio Brasili
Institution University of Modena, Modena, Italy
Language Italian
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Address for ordering Prof. Livio Brasili, Università degli studi di Modena, Dipartimento di Scienze Farmaceutiche, Via Campi 183, I-41100 Modena, Italy

Title Preclinical PK/PD modelling of the cardiovascular actions of adenosine-receptor ligands
Author R.A.A. Mathôt
Key words PK/PD modelling, adenosine-receptor ligands
Supervisors D.D. Breimer and W. Soudijn
Institution LACDR, Div. of Pharmacology and Pharmacochimistry, Leiden University, Leiden, The Netherlands
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Title Development of stable drug formulations of the coenzyme NADH for peroral and parenteral application
Author Claudia Mattern
Key words NAD, NADH, stability, bioavailability, tablets, gastro-resistant capsules, lyophilization
Supervisors Hans-Hubert Borchert and Sigrid Keipert
Institution Humboldt University, Berlin, Germany
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Title Effects of flavonoids on kinetic and activity of cytochrome P450-enzymes in man and mice
Author Ute Merkel
Key words Not available
Supervisor R. Hirschelmann
Institution Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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Author Dirk Mertin
Key words Antimycotics, permeability, bovine hoof membrane, onychomycosis, nail plate
Supervisor Bernhard C. Lippold
Institution University of Düsseldorf, Düsseldorf, Germany
Language German
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Author Nathaniel Mitton
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Supervisor Steven L. Nail
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Author T.M.T. Mulders
Key words Glutathione conjugation
Supervisors G.J. Mulder and D.D. Breimer
Institution LACDR, Div. of Toxicology and Pharmacology, Leiden University, Leiden, The Netherlands
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- Author** Jörg Petersohn
- Key words** Not available
- Supervisor** Axel Büge
- Institution** Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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- Author** N.Y. Rots
- Key words** Dopamine
- Supervisors** E.R. de Kloet and Cools
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- Author** Thomas Schreiner
- Key words** Drug dissolution mechanism, surface characterization, influence of production processes
- Supervisor** Helmut Loth
- Institution** University of Saarbrücken, Dept. of Pharmaceutical Technology, Saarbrücken, Germany
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- Title** **Glutathione conjugation of bromosulphthalein in the rat. Disposition and role of glutathione availability**
- Author** C.A.W. Snel
- Key words** Bromosulphthalein
- Supervisors** G.J. Mulder and Pang
- Institution** LACDR, Div. of Toxicology, Leiden Univ., Leiden, The Netherlands and Univ. of Toronto, Canada
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- Author** Silvia Staniguaski-Gutterres
- Key words** Nanocapsules, diclofenac, tolerance, pharmacokinetics
- Supervisors** Jean-Philippe Devissaguet and Hatem Fessi
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- Author** Robert Stenz
- Key words** Nonionic, solubilizing agent, hemolytic activity, LDH-test, parenteral dosage forms
- Supervisor** Kurt Heinz Bauer
- Institution** Albert-Ludwigs University, Freiburg i. Br., Germany
- Language** German
- Price** On request
- Address for ordering** Prof. Dr. Kurt H. Bauer, Pharmaceutical Institute, Dept. of Pharmaceutical Technology, Hermann-Herder-Str. 9, D-79104 Freiburg i. Br., Germany. Fax: +49 761 2036366 or 2036351
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- Author** B. Van de Water
- Key words** Nephrotoxin
- Supervisor** G.J. Mulder
- Institution** LACDR, Div. of Toxicology, Leiden University, Leiden, The Netherlands
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- Author** J.M.Th. Van Griensven
- Key words** Pharmacokinetics, thrombolytic drugs
- Supervisor** A.F. Cohen
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- Title** **Transport behaviour of topically applied antiseptics in artificial and biological membrane systems**
- Author** Claudia Wagner
- Key words** Not available
- Supervisor** Reinhard Neubert
- Institution** Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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- Author** Ulrike Walter
- Key words** Not available
- Supervisor** Martin Luckner
- Institution** Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany
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Author G.J. Wiegers
Key words Glucocorticoide hormone
Supervisors E.R. de Kloet and Holsboer
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Author Meidong Yang
Key words Metoprolol, transdermal
Supervisor Ronald L. Koch
Institution University of Illinois, Chicago, IL, USA
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