

Recently published doctoral theses

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Title **New nanoparticulate dosage forms from gliadin: development and evaluation of the bioadhesive potential**

Author Miguel Angel Arangoa

Key words Bioadhesion, HPLC, nanoparticle, oral drug delivery, pharmacokinetics, site-specific absorption

Supervisor Juan Manuel Irache

Institution University of Navarra, School of Pharmacy, Pamplona, Spain

Language Spanish

Price Cost of photocopy

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Title **Characterizing the interactions of a non-peptide drug with the intestinal peptide transporter, hPepT1**

Author Praveen Balimane

Key words Biopharmaceutics, transdermal drug delivery, peptides

Supervisor Patrick J. Sinko

Institution Rutgers University, College of Pharmacy, Piscataway, NJ, USA

Language English

Price Unknown

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Title **Investigation of potential intervention targets to improve insulin action: a therapeutic approach**

Author Sarah Bates

Key words Peptides, in vivo assay, receptor, in vitro, toxicity, pharmacology

Supervisor C. Bailey

Institution Aston University, Birmingham, UK

Language English

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Title **Synthesis of compounds with antiinflammatory and analgesic activity. Studies of chemical delivery system of fans**

Author Claudia Bernardini

Key words Blood brain barrier, drug delivery, drug targeting, prodrug, computer simulation

Supervisor Giuliano Grandolini

Institution University of Perugia, School of Pharmacy, Perugia, Italy

Language Italian

Price Free of charge

Address for ordering Università di Perugia, Facoltà di Farmacia, Via del Liceo, I-06123 Perugia, Italy

Fax/e-mail +39 75 5885736/ggrandol@unipg.it/saturn.chimfarm.unipg.it/farmacia/istituti.htm

Title **Mechanistic studies of drug permeation through oral mucosae**

Author Dushendra Chetty

Key words Penetration enhancement, oral drug delivery, controlled drug delivery, transdermal drug delivery, drug transport,

Supervisor Yie W. Chien

Institution Rutgers University, College of Pharmacy, Piscataway, NJ, USA

Language English

Price Unknown

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Title **Investigation of the pathways of some poorly absorbed drugs using human intestinal (CACO-2) cell**

Author Roy Fox

Key words In vitro, in vivo

Supervisor W. Irwin

Institution Aston University, Birmingham, UK

Language English

Price Unknown

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Title	Biochemical aspects of Tourette's syndrome	Title	Nitric oxide after human liver transplantation
Author	Colin Gaynor	Author	Steffen Wad Jorgensen
Key words	Metabolism, human study, animal study, patients compliance	Key words	Analytical chemistry, clinical investigation, cytotoxicity, human study, molecular biology, statistics
Supervisor	Not available	Supervisor	Ole Jons
Institution	Not available	Institution	The Royal Danish School of Pharmacy, Copenhagen, Denmark
Language	English	Language	Danish
Price	Unknown	Price	Free of charge
Address for ordering	The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, UK	Address for ordering	Steffen Wad Jorgensen, Jaegersprisvej 6, 2700 Bronshøj, Denmark
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Title	Transdermal delivery of acetylcholinesterase inhibitors for the treatment of Alzheimer's disease	Title	Biochemical changes in Tourette syndrome and associated conditions with a potential for pharmacological manipulation
Author	Anurandha Gore	Author	Sandhya Kariyawasam
Key words	Transdermal drug delivery, drug targeting, controlled drug delivery	Key words	Metabolism, immunoassay, animal studies
Supervisor	Yie W. Chien	Supervisor	S.L. Handley
Institution	Rutgers University, College of Pharmacy, Piscataway, NJ, USA	Institution	Aston University, Birmingham, UK
Language	English	Language	English
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Title	The intestinal epithelial barrier in vitro: carrier-mediated and passive transport in normal and genetically modified Caco-2 cells and other intestinal cell lines	Title	A novel isolated perfused guinea-pig lung model for assessment of anti-leukotriene effects in-vitro
Author	Constanze Hilgendorf	Author	Rosemary Kovelesky
Key words	Cell culture, drug transport, HPLC, in vitro assay, molecular biology, multidrug resistance	Key words	Pulmonary absorption, biopharmaceutics, pharmacodynamics, aerosols, pharmacokinetics
Supervisor	Hildegard Spahn-Langguth	Supervisor	Peter R. Byron
Institution	Martin Luther University, Faculty of Pharmacy, Halle-Wittenberg, Germany	Institution	Virginia Commonwealth University, Dept of Pharmaceutics, Richmond, Virginia, USA
Language	German	Language	English
Price	Unknown	Price	USD 5.00
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Fax/e-mail	+49 345 5527022/pharmazie.uni-halle.de/indexE.html	Fax/e-mail	+1 804 828 6089
Title	Characterisation of the metal binding domains in menkes disease protein expressed in escherichia coli	Title	Functionalized pyrroles and benzo-anellated analogues. Synthesis, analytic and investigations of inhibition of cyclooxygenase isoenzymes and of the thromboxane A2 synthase as well as affinity studies to thromboxane A2/prostaglandine H2 receptor
Author	Pia Yvonne Jensen	Author	Godehard Krämer
Key words	Bacteria, DNA, in vitro assay, molecular biology, proteins, spectroscopy	Key words	Drug synthesis, bioassay
Supervisors	Ole Farver	Supervisor	G. Dannhardt
Institution	The Royal Danish School of Pharmacy, Dept. of Analytical and Pharmaceutical Chemistry, Copenhagen, Denmark	Institution	Johannes Gutenberg University, Institute of Pharmacy, Mainz, Germany
Language	English	Language	German
Price	Unknown	Price	Unknown
Address for ordering	Not available	Address for ordering	Johannes-Gutenberg-Universität, Pharmazeutische Chemie, Prof. Dr. G. Dannhardt, Staudingerweg 5, D- 55099 Mainz 1, Germany,
Fax/e-mail	+1 301 738 6255/pia@carb.nist.gov	Fax/e-mail	+49 6131 393062/pharmazie.uni-mainz.de

Title **Thermodynamic study of antibiotics and development of novel drug delivery system for poorly water soluble drug**

Author Rajesh Kumar

Key words Liposome, lipids, drug delivery, encapsulations, tablets, thermodynamics

Supervisor Guru Betageri

Institution Auburn University, School of Pharmacy, Auburn, AL, USA

Language English

Price Unknown

Address for ordering Auburn University, School of Pharmacy, Auburn, AL 36849-5503

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Title **Phytochemical and pharmacological studies on pelargonium reniforme curt**

Author Klaus Peter Latté

Key words In vitro assay, NMR, pharmacology, phytochemistry

Supervisor H. Kolodziej

Institution Free University, School of Pharmacy, Berlin, Germany

Language German

Price USD 25.00

Address for ordering Freie Universität Berlin, Institut für Pharmazie, Pharmazeutische Biologie, Prof. Dr. H. Kolodziej, Königin-Luise-Str. 2 + 4, D-14195 Berlin, Germany

Fax/e-mail +49 30 8383729

Title **Insulin aggregation : physiochemical and electrical considerations**

Author Kyoung-Jin Lee

Key words Passive drug transport, controlled drug delivery, transdermal drug delivery, molecular biology

Supervisor Yie W. Chien

Institution Rutgers University, College of Pharmacy, Piscataway, NJ, USA

Language English

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Title **Development of a gastric floating drug delivery system for controlling calcium absorption: In vitro optimization and in vivo Evaluations**

Author Shoufeng Li

Key words Drug delivery, in vitro/in vivo correlation, absorption, controlled drug delivery, pharmacokinetics

Supervisor Yie W. Chien

Institution Rutgers University, College of Pharmacy, Piscataway, NJ, USA

Language English

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Title **Oralmucosal delivery of buspirone: development of mucoadhesive delivery system for rate-controlled transmucosal delivery**

Author Alfred Liang

Key words Mucoadhesion, mucoadhesive polymers, controlled release, transdermal drug delivery

Supervisor Yie W. Chien

Institution Rutgers University, College of Pharmacy, Piscataway, NJ, USA

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Title **The development of a model system and high throughput assay for the study of interactions between zinc finger proteins and DNA**

Author Leonie Morgan

Key words DNA, proteins, interactions, synthesis

Supervisor A. Hine

Institution Aston University, Birmingham ,UK

Language English

Price Unknown

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Title **Biomembrane permeation of a heptylen-linked bistacrine analog: characterization and modulation**

Author George Patani

Key words Penetration enhancement, controlled drug delivery, drug carriers, molecular modelling, drug delivery

Supervisor Yie W. Chien

Institution Rutgers University, College of Pharmacy, Piscataway, NJ, USA

Language English

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Title **Adjuvancy enhancement of muramyl dipetptide by modulating its release from a physicochemically modified matrix of ovalbumin microspheres**

Author Navneet Puri

Key words In vitro/in vivo correlation, pharmacokinetics, peptides, oral drug delivery

Supervisor Patrick J. Sinko

Institution Rutgers University, College of Pharmacy, Piscataway, NJ, USA

Language English

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|--|--|
| <p>Title Phenotypic and genotypic analysis of intestinal spirochaetes</p> <p>Author Sarah Rayment</p> <p>Key words Electrophoresis, animal study, antibody, protein, adhesion</p> <p>Supervisor M.A. Livesley</p> <p>Institution Aston University, Birmingham ,UK</p> <p>Language English</p> <p>Price Unknown</p> <p>Address for ordering The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, United Kingdom</p> <p>Fax/e-mail +44 1937 546333/dsc-customer-services@bl.uk</p> | <p>Title Pharmacokinetic experiments and development of an in vivo screening system for enzyme inhibitors of the steroid and thromboxane biosynthesis</p> <p>Author Joachim Schröder</p> <p>Key words Animal study, pharmacokinetics</p> <p>Supervisor R. W. Hartmann</p> <p>Institution Univ. of the Saarland, Dept of Pharmaceutical and Medicinal Chemistry, Saarbrücken, D</p> <p>Language German</p> <p>Price USD 20.00</p> <p>Address for ordering Prof. Dr. Rolf. W. Hartmann, Fachrichtung 12.1, Pharmazeutische und Medizinische Chemie, Universität des Saarlandes, Postfach 151150, D-66041 Saarbrücken, Germany</p> <p>Fax/e-mail +49 681 3024386/rwh@rz.uni-sb.de</p> |
| <p>Title Constituents and antiplogistic activity of the rhizomes of atracylodes lancea and related species</p> <p>Author Marion Resch</p> <p>Key words Natural products, phytochemistry, analytical chemistry, spectroscopy, pharmacology, HPLC</p> <p>Supervisor R. Bauer</p> <p>Institution Heinrich-Heine University, Department of Pharmaceutical Technology, Düsseldorf, D</p> <p>Language German</p> <p>Price Unknown</p> <p>Address for ordering Institut für Pharmazeutische Biologie, Heinrich-Heine-Universität, Prof. Dr. R. Bauer, Universitätsstr.1 D-40225 Düsseldorf, Germany (ISBN 3-89653-490-4)</p> <p>Fax/e-mail +49 211 8113085/bauer@uni-duesseldorf.de</p> | <p>Title In vitro-studies on the use of DOTAP in the gene therapy of cystic fibrosis</p> <p>Author Christine Schoer</p> <p>Key words Gene therapy, nebulization</p> <p>Supervisor Rolf Schubert</p> <p>Institution Albert-Ludwigs University, Freiburg i. Br., Germany</p> <p>Language German</p> <p>Price On request</p> <p>Address for ordering Prof. Dr. Rolf Schubert, Albert-Ludwigs-Universität, Pharmazeutisches Institut, Hermann-Herder-Str. 9, D-79104 Freiburg i. Br., Germany</p> <p>Fax/e-mail +49 761 2036366
schurolf@ruf.uni-freiburg.de</p> |
| <p>Title A novel reaction of mismatched cytosine-cytosine pairs associated with fragile X syndrome</p> <p>Author Rebecca M. Romero</p> <p>Key words Analytical chemistry, computer simulation, oligonucleotides, molecular modelling, DNA, electrophoresis</p> <p>Supervisor Ian S. Haworth</p> <p>Institution University of Southern California, Dept of Pharmaceutical Sciences, Los Angeles, CA, USA</p> <p>Language English</p> <p>Price Free of charge</p> <p>Address for ordering University of Southern California, Dept of Pharmaceutical Sciences, 1985 Zonal Ave, Los Angeles, CA 90089-9121, USA</p> <p>Fax/e-mail +1 323 442 1390/ihaworth@usc.edu</p> | <p>Title Development of systems to isolate endogenous lectins from normal and tumour tissue as well as their identification</p> <p>Author Diane Seimetz</p> <p>Key words Absorption, electrophoresis, membranes, oligosaccharides, proteins, spectroscopy</p> <p>Supervisor M. Wiessler</p> <p>Institution Ruprecht-Karls University, German Cancer Research Center, Heidelberg, Germany</p> <p>Language German</p> <p>Price Unknown</p> <p>Address for ordering Prof. M. Wiessler, Ruprecht-Karls Universität, Deutsches Krebsforschungszentrum, Im Neuenheimer Feld 280, D-69120 Heidelberg, Germany</p> <p>Fax/e-mail +49 6221 423375/dkfsz-heidelberg.de</p> |
| <p>Title Modelling repeated measurements in clinical pharmacology; from individual to population and back</p> <p>Author H. (Rik) C. Schoemaker</p> <p>Key words Pharmacology, clinical investigation</p> <p>Supervisor Adam F. Cohen</p> <p>Institution LACDR Leiden/Amsterdam Center for Drug Research, Leiden, The Netherlands</p> <p>Language English</p> <p>Price USD 50.00</p> <p>Address for ordering LACDR Secretariat, P.O. Box 9502, NL-2300 RA Leiden, The Netherlands</p> <p>Fax/e-mail +31 71 5274277
Velthors@lacdr.leidenuniv.nl</p> | <p>Title Ligand binding and signal transduction of vertebrate somatostatin receptors recombinantly expressed in CCL39 cells</p> <p>Author Sandra Siehler</p> <p>Key words Molecular pharmacology, receptor, cell culture, in vitro assay</p> <p>Supervisor Gerd Folkers</p> <p>Institution Swiss Federal Institute of Technology, (ETH), School of Pharmacy, Zurich, CH</p> <p>Language English</p> <p>Price USD 30.00</p> <p>Address for ordering Dr. Sandra Siehler, 2321 Spruce Street, Apt 1F, Philadelphia, PA 19103, USA</p> <p>Fax/e-mail +1 215 573 2236/
siehler@pharm.med.upenn.edu</p> |

Title	Comparative phytochemical and pharmacological investigations of chinese piper species and on constituents and antiphlogistic activity of piper sarmentarum	Title	Mechanisms of p53 (in)activation and hepatocarcinogenesis in the rat: the role of DNA adducts, Mdm2 and Bcl-2
Author	Jochen Stoehr	Author	Hilde Van Gijssel
Key words	Natural products, phytochemistry, analytical chemistry, spectroscopy, pharmacology, HPLC	Key words	DNA, toxicity
Supervisor	R. Bauer	Supervisor	Gerard J. Mulder
Institution	Heinrich-Heine University, Department of Pharmaceutical Technology, Düsseldorf, D	Institution	LACDR Leiden/Amsterdam Center for Drug Research, Leiden, The Netherlands
Language	German	Language	English
Price	Unknown	Price	USD 50.00
Address for ordering	Institut für Pharmazeutische Biologie, Heinrich-Heine-Universität, Prof. Dr. R. Bauer, Universitätsstr. 1 D-40225 Düsseldorf, Germany	Address for ordering	LACDR Secretariat, P.O. Box 9502, NL-2300 RA Leiden, The Netherlands
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Title	Synthesis and chemical properties of new fischer-carbene-complexes of 1.6-methano 10 annulene and metal-catalyzed annelation and cyclisation reactions with derivatives of 1.6-methano 10 annulene	Title	Structural and functional characterization of hepatic scavenger receptors
Author	Jens Teichman	Author	Agnes Van Velzen
Key words	Analytical chemistry, stereochemistry	Key words	Receptors, biopharmaceutics
Supervisor	Richard Neidlein	Supervisor	Theo J.C. Van Berkel
Institution	Ruprecht-Karls University, Dept. of Pharmaceutical Chemistry, Heidelberg, Germany	Institution	LACDR Leiden/Amsterdam Center for Drug Research, Leiden, The Netherlands
Language	German	Language	English
Price	Unknown	Price	USD 50.00
Address for ordering	Prof. Dr. Richard Neidlein, Pharmazeutische-Chemisches Institut d. Univ. Heidelberg, Im Neuenheimer Feld 364, D-69120 Heidelberg, Germany	Address for ordering	LACDR Secretariat, P.O. Box 9502, NL-2300 RA Leiden, The Netherlands
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Title	Molecular modelling studies on K_{ATP}-channel openers	Title	Improvement of sunscreen photostability by cyclodextrin complexation
Author	Ulrike Uhrig	Author	Silvia Villani
Key words	Computer simulation, receptor, pharmacodynamics, molecular modelling	Key words	Cyclodextrin, stabilisation, thermal analysis, HPLC, NMR
Supervisor	H.-D. Höltje	Supervisor	Santo Scalia
Institution	Heinrich-Heine University, Düsseldorf, D	Institution	University of Ferrara, Dept of Pharmaceutical Science, Ferrara, Italy
Language	German	Language	Italian
Price	Free of charge	Price	Free of charge
Address for ordering	Univ.-Prof. Dr. H.-D. Höltje, Heinrich-Heine-Universität Institut für Pharmazeutische Chemie, Universitätsstr. 1 (Geb. 26.23), D-40225 Düsseldorf, Germany	Address for ordering	Dipartimento di Scienze Farmaceutiche, Via Fossato di Mortara 17, I-44100 Ferrara, Italy
Fax/e-mail	+49 211 8113847/hoeltje@pharm.uni-duesseldorf.de	Fax/e-mail	+39 532 291277/sls@unife.it
Title	Novel phosphodiesterase inhibitors. Synthesis, structure-activity relationships and molecular modelling of selective PDE-4 and dual PDE3/4 inhibitors	Title	Synthesis of triplex-forming oligonucleotide conjugates of anticancer drug temodal
Author	Margreet Van der Meij	Author	Andrew Walsh
Key words	Synthesis, molecular modelling	Key words	Drugs synthesis, synthesis, stabilisation, stability, thermal analysis, DNA
Supervisor	Henk Timmerman	Supervisor	W. Fraser
Institution	LACDR Leiden/Amsterdam Center for Drug Research, Leiden, The Netherlands	Institution	Aston University, Birmingham ,UK
Language	English	Language	English
Price	USD 50.00	Price	Unknown
Address for ordering	LACDR Secretariat, P.O. Box 9502, NL-2300 RA Leiden, The Netherlands	Address for ordering	The British Library Document Supply Centre, Thesis Orders (RMS) Boston Spa, Wetherby, West Yorkshire, LS23 7BQ, United Kingdom
Fax/e-mail	+31 71 5274277/Velthors@lacdr.leidenuniv.nl	Fax/e-mail	+44 1937 546333/dsc-customer-services@bl.uk

Title	Maternal deprivation: implication for stress, cognition and aging
Author	Judith Workel
Key words	Not available
Supervisor	E. Ron De Kloet
Institution	LACDR Leiden/Amsterdam Center for Drug Research, Leiden, The Netherlands
Language	English
Price	USD 50.00
Address for ordering	LACDR Secretariat, P.O. Box 9502, NL-2300 RA Leiden, The Netherlands
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