CURRICULUM VITAE

Name:	Hartmut Derendorf
Born:	August 6, 1953 in Dortmund, Germany
Address:	100494, College of Pharmacy University of Florida Gainesville, Florida 32610 Phone (352) 273-7856 Fax (352) 392-3249 E-mail: HARTMUT@COP.UFL.EDU
Present Position:	Distinguished Professor and Chairman V. Ravi Chandran Professor of Pharmaceutical Sciences University of Florida Distinguished Alumini Professor Dept. of Pharmaceutics, College of Pharmacy University of Florida

Previous Positions:

1993 - 2003	Professor Dept. of Pharmaceutics College of Pharmacy University of Florida
1987 - 1995 1998 -	Chairman Dept. of Pharmaceutics College of Pharmacy University of Florida
1987 - 1993	Associate Professor Dept. of Pharmaceutics College of Pharmacy University of Florida
1983 - 1987	Assistant Professor Dept. of Pharmaceutics College of Pharmacy University of Florida

Education

1972 - 1976	B.S. in Pharmacy, University of Münster, Germany
1977	Registered Pharmacist
1977 - 1979	Graduate Study of Pharmacy at University of Münster, Germany
1979	Dr. rer. nat. (Ph.D.) with a dissertation on "Biopharmaceutical investigations of weak analgesics" (summa cum laude)
1979 - 1980	Assistant Scientist Institute for Pharmaceutical Chemistry, University of Münster
1981 - 1982	Postdoctoral Fellow with E.R. Garrett, College of Pharmacy, University of Florida

Awards

1980	Award for the best dissertation University of Münster, Germany
1983	Rottendorf-Award for Outstanding Research in the Area of Pharmaceutical Sciences
1988	Fellow of the American College of Clinical Pharmacology (ACCP)
1994	McKeen-Cattell-Award for best publication in the Journal of Clinical Pharmacology
1995	Teaching Improvement Award, University of Florida
1996	Fellow of the American Association of Pharmaceutical Scientists (AAPS)
2000	Honorary Regent, American College of Clinical Pharmacology
2001	Honorary Fellowship, Slovakian Chemotherapy Society
2002	University of Florida Research Foundation Professorship

2003	Nathaniel T. Kwit Distinguished Service Award, American College of Clinical Pharmacology
2003	Research Achievement Award in Clinical Sciences, American Association of Pharmaceutical Scientists
2004	International Educator of the Year Award University of Florida
2005	Faculty Award in Pharmaceutical Sciences University of Utrecht, The Netherlands
2005	International Educator of the Year Award University of Florida
2007-2013	CVS Professorship, College of Pharmacy, University of Florida
2007	International Educator of the Year Award University of Florida
2008	Howard Hughes Medical Institute Distinguished Mentor
2009	Doctoral Advisor/Mentoring Award University of Florida
2010	Volwiler Research Achievement Award American Association of Colleges of Pharmacy
2010	ACCP Distinguished Investigator Award American College of Clinical Pharmacology
2013	ISOP Leadership Award International Society of Pharmacometrics
2013	International Educator of the Year Award University of Florida
2013-2018	V. Ravi Chandran Professorship in Pharmaceutical Sciences
2014	Honorary Membership, Brazilian Association of Pharmaceutical Sciences
2015	Merit Medal, Westphalian Chamber of Pharmacy
2015	Bristol-Myers Squibb Mentorship Award, American College of Clinical Pharmacology
2015-2017	18th Distinguished Alumni Professor, University of Florida
2016-2019	University of Florida Research Foundation Professorship

Teaching Experience

1983 - present	Teacher for Biopharmaceutics, Pharmacokinetics (undergraduate and graduate courses) and Clinical Pharmacokinetics, University of Florida
1981 - present	Instructor at more than 30 courses on Pharmacokinetics, Biopharmaceutics and Clinical Pharmacokinetics in Germany, England, Brazil and U.S.A
1990 - 2000	Adjunct Professor for Pharmacokinetics at the Federal University of Rio Grande do Sul, Porto Alegre, Brazil
1983 - 1990	Adjunct Lecturer for Pharmacokinetics and Biopharmaceutics at the University of Münster, Germany
1977 - 1980	Teaching assistant for courses in Medicinal Chemistry, Pharmacology for Pharmacists, Biochemistry for Pharmacists and Analytical Chemistry at University of Münster; Teacher for Pharmacology for Pharmacists at University of Münster; Teacher for Pharmacology and Toxicology at Schools for Pharmacy Technicians in Münster and Osnabrück

Textbooks

1983	H. Derendorf, Drugs - Applied Pharmacology for Pharmacists and Pharmacy Technicians (in German), 280 p., Deutscher Apotheker-Verlag, Stuttgart, Germany
1987	H. Derendorf and E.R. Garrett, Pharmacokinetics - Introduction into Theory and Practice" (in German), 175 p., Deutscher Apotheker -Verlag, Stuttgart, Germany
1988	H. Derendorf, Drugs - Applied Pharmacology for Pharmacists and Pharmacy Technicians (in German), 4th edition, 286 p., Deutscher Apotheker Verlag, Stuttgart, Germany

1994	H. Derendorf, Drugs - Applied Pharmacology for Pharmacists and Pharmacy Technicians (in German), 5th edition, 264 p., Deutscher Apotheker Verlag, Stuttgart, Germany
1995	E. Mutschler and H. Derendorf, Drug Actions (in English), 799 p., Deutscher Apotheker Verlag, Stuttgart, Germany
1995	H. Derendorf and G. Hochhaus, Handbook of Pharmacokinetic-Pharmacodynamic Correlations (in English), 483 p., CRC Press, Boca Raton, Florida
1997	J. Framm, M. Schäfer, H. Derendorf, Pharmaceutical Care (in German), 118 p., Deutscher Apotheker Verlag, Stuttgart, Germany
1998	H. Derendorf, M. Schmidt, Drugs - Applied Pharmacology for Pharmacists and Pharmacy Technicians (in German), 6th edition, 269 p., Deutscher Apotheker Verlag, Stuttgart, Germany
1998	J. Framm, M. Anschütz, H. Derendorf, D. Hammersdorfer, E. Heydel, A. Mehrwald, G. Schomaker, Drug Profiles (in German), 252 p., Deutscher Apotheker Verlag, Stuttgart, Germany
2001	J. Framm, M. Anschütz, H. Derendorf, D. Hammersdorfer, E. Heydel, A. Mehrwald, G. Schomaker, Drug Profiles (in German), 2nd edition, 294 p., Deutscher Apotheker Verlag, Stuttgart, Germany
2002	H. Derendorf, T. Gramatte, H.G. Schaefer, Pharmacokinetics - Introduction into Theory and Practice" (in German), 2nd edition, 175 p., Deutscher Apotheker -Verlag, Stuttgart, Germany
2002	J. Framm, D. Placek, M. Anschütz, H. Derendorf, D. Hammersdorfer, E. Heydel, A. Mehrwald, G. Schomaker, Profily leciv (Drug Profiles, in Czech), 277 p., Grada Publishing, Prague, Czech Republic
2003	H. Derendorf, M. Schulz, R. Wemhöner Pharmacology for Pharmacists and Pharmacy Technicians (in German), 7th edition, 304

	p., Deutscher Apotheker Verlag, Stuttgart, Germany
2011	M. Rowland, T.N. Tozer Clinical Pharmacokinetics and Pharmacodynamics, with Online Simulations by H. Derendorf and G. Hochhaus, 4th edition, 839 p., Wolters Kluwer Lippicott, Philadelphia
2011	H. Derendorf, T. Gramatté, H.G. Schäfer, A. Staab, Pharmacokinetics compact (in German), 3rd edition, 378 p., Wissenschaftliche Verlagsgesellschaft, Stuttgart, Germany
2011	H. Derendorf, R. Wemhöner, H. Steen, A.J. Schrank, Pharmacology for Pharmacists and Pharmacy Technicians (in German), 8th edition, 304 p., Deutscher Apotheker Verlag, Stuttgart, Germany
2013	A.A. Vinks, H. Derendorf, J.W. Mouton Fundamentals of Antimicrobial Pharmacokinetics and Pharmacodynamics, 467 p., Springer, New York
2014	H. Derendorf POP – Patient-oriented Pharmacy, Vol. 1 (in German), 160 p., Deutscher Apotheker Verlag, Stuttgart, Germany
2015	S. Schmidt, H. Derendorf Applied Pharmacometrics, 570 p., Springer, New York
2015	H. Derendorf POP – Patient-oriented Pharmacy, Vol. 2 (in German), 136 p., Deutscher Apotheker Verlag, Stuttgart, Germany

Present Research Interest

Pharmacokinetics and pharmacodynamics of glucocorticoids and antibiotics drugs.

Use of pharmacokinetic/pharmacodynamic modeling in drug development.

Affiliations

American College of Clinical Pharmacology
American Association of Pharmaceutical Scientists
American Pharmacists Association
Florida Pharmacy Association
German Pharmaceutical Society
American Society for Clin. Pharmacology and Therapeutics
American Association of Colleges of Pharmacy
American Society for Microbiology
American Society of Pharmacometrics
International Society for Anti-infective Pharmacology
Paul Ehrlich Society

Other Activities

President, American College of Clinical Pharmacology (2006-2008)

President, International Society for Anti-infective Pharmacology (2004-2006)

Member, Nutrition and Therapeutics Committee of the NASA Space Medicine Program (2008-2011)
Member, Scientific Organizing Committee, 2nd Symposium on Antimicrobial Resistance in Animals and the Environment, Tours (2007)

Co-Chair, EUFEPS Conference on Optimizing Drug Discovery and Development- Integrating Systems Approaches into Pharmaceutical Sciences, Basel (2007)

Member, Program Committee, Pharmaceutical Sciences World Congress, Amsterdam (2007)

Member, Advisory Committee for Pharmaceutical Science Clinical Pharmacology Subcommittee, FDA (2002-2006)

Member, Scientific Advisory Board, Bavarian Academy of Clinical Pharmacy (2006-present)

Program Chairman, National Meeting of the American College of Clinical Pharmacology (2003)

Member of the International Pharmaceutical Education Advisory Committee of the American Association of Colleges of Pharmacy (2001-03)

Chair, AAPS Microdialysis Focus Group (2003)

Secretary, American College of Clinical Pharmacology (1996-00)

Council Member, International Society for Anti-infective Pharmacology (1999-02)

Member of the Board of Regents, American College of Clinical Pharmacology (1991-00)

Member of the FDA Expert Panel on Oral Inhalation and Nasal Drug Products (OINDP) (1999-00)

Member of AAPS/PPDM Program Committee (1996/97)

Member, National RCMI Advisory Board, Florida A&M University (1992-05).

Member of Credentials Committee, American College of Clinical Pharmacology (1990-00).

Member of the Nutrition and Therapeutics Integrated Project Team of the NASA-JSC Space Medicine Program (1997-04).

Member of the AAPS Globalization Committee (1995)

National Chair of the AACP Meeting of Department Chairs of Pharmaceutics (1992).

Member of the Graduate Education and Research Committee (PDD) of the American Association of Pharmaceutical Scientists (1992-1993).

Program Chairman, National Meeting of the American College of Clinical Pharmacology (1992).

Chairman, Southeastern Regional Meeting of the American Association of Pharmaceutical Scientists 1991 and 1992.

President of the Southeastern Chapter of the American College of Clinical Pharmacology (1990-91).

Member of Scientific Excellence Committee, American Association of Pharmaceutical Scientists (1990-91).

Member of Scientific Program Committee, American College of Clinical Pharmacology (1989-1992, 1997).

Reviewer for J. Pharm. Sci., Int. J. Pharm., Pharm. Res., J. Pharmacokin. Biopharm., Life Sci., Biopharm. Drug Disp. and J. Pharm. Biomed. Anal.

Member of several ad-hoc NIH Study Sections (NCI, NIAID).
Grant-Reviewer for the National Science Foundation.
Grant Reviewer for the Italian Ministry for University and Research.

Book-Reviewer for Am. J. Pharm. Ed., J. Am. Chem. Soc. and J. Pharm. Sci.

Editorial Advisory Boards

Editor, International Journal of Clinical Pharmacology and Therapeutics.

US-Editor, Editorial Board, Die Pharmazie.

Associate Editor, Journal of Clinical Pharmacology.

Associate Editor, European Journal of Pharmaceutical Sciences.

Editor, International Journal of Anti-Infective Agents.

Member, Honorary Editorial Board, Clinical Pharmacokinetics.

Member, Editorial Board, Journal of Pharmacokinetics and Pharmacodynamics.

Member, Editorial Board, Journal of Pharmaceutical Sciences

Member, Editorial Board, Planta Medica

Member, Editorial Board, CPT: Pharmacometrics and Systems Pharmacology

Member, Executive Editorial Board, Research Communications in Pharmacology and Toxicology.

Member, Editorial Board, Clinical Research and Regulatory Affairs.

Member, Editorial Board, Clinical Pharmacology in Drug Development

Member, Editorial Board, Antimicrobial Agents and Chemotherapy (until 2012)

Special Issues - Guest Editorships

V. Butterweck, H. Derendorf
Herb-Drug Interactions, Planta Medica 78, September 2012.

W. Couet, H. Derendorf
7th International Symposium on Microdialysis
Eur. J. Pharm. Sci. 57, June 2014.

Patents

H. Derendorf, M. Müller: Patent US 6,904,309 B2 (June 7, 2005), Microdialysis probes and methods of use.

List of Publications

1. P. Rohdewald, H. Derendorf, C.E. Elger, O. Knoll
   Quantification of the attenuation of pain sensation through evoked potentials after the application of mild analgesics.
   Z. EEG-EMG 11, 199-204 (1980).

2. H. Derendorf
   Electroencephalography in drug research.
   Dtsch. Apoth. Ztg. 120, 1474-1476 (1980).

3. H. Derendorf, P. Rohdewald
   Pharmaceutical availability of analgesic derivatives of salicylic acid.
   Dtsch. Apoth. Ztg. 121, 493-498 (1981).

4. H. Derendorf, P. Rohdewald
   Pharmaceutical availability of analgesic derivatives of pyrazolone.
   Dtsch. Apoth. Ztg. 121, 549-552 (1981).

5. H. Derendorf, P. Rohdewald
   Measurement of analgesic action by subjective and objective parameters.
   In "Pain research - Pain measurement - Chest pain", ed. by A. Struppler and M. Gessler, pg. 143-150, Springer (1981).

6. H. Derendorf, P. Rohdewald
   Pharmaceutical availability of analgesic derivatives of p-aminophenol in tablets.
   Dtsch. Apoth. Ztg. 121, 653-656 (1981).

7. P. Rohdewald, H. Derendorf, C.E. Elger, O. Knoll
   Evoked potentials as objective parameters for the analgesic response of weak analgesics.
   Adv. in Neurology 32, 375-381 (1982).

8. P. Rohdewald, H. Derendorf, G. Drehsen, C.E. Elger, O. Knoll
   Changes in cortical evoked potentials as correlates of the efficacy of weak analgesics.
   Pain 12, 329-34l (1982).

9. H. Derendorf, G. Drehsen, P. Rohdewald
Cortical evoked potentials and saliva levels as basis for the comparison of pure analgesic to analgesic combinations.
Pharmacology 25, 227-236 (1982).

10. H. Derendorf
Phencyclidine - angel dust or devil's drug?
Dtsch. Apoth. Ztg. 122, 2642-2646 (1982).

11. H. Derendorf, E.R. Garrett
HPLC-Assay of methadone, phencyclidine and metabolites by post-column ion-pair extraction and "on-line" fluorescence detection of the counter-ion with applications.
J. Pharm. Sci. 72, 630-635 (1983).

12. P. Rohdewald, G. Drehsen, E. Milsmann, H. Derendorf
Relationship between saliva levels of metamizol metabolites, bioavailability and analgesic efficacy.
Arzneimittelforschung (Drug Research) 33(II), 985-988 (1983).

13. H. Derendorf, G. Drehsen, P. Rohdewald
In vivo- in vitro- correlations of salicylate saliva levels and continuous flow cell dissolution rates.
Int. J. Pharm. 15, 167-175 (1983).

14. H. Derendorf, A.A. El-Koussi, E.R. Garrett
Electrochemical chromatographic determination of morphine - antagonists in biological fluids with applications.
J. Pharm. Sci. 73, 621-624 (1984).

15. H. Derendorf, G. Drehsen, P. Rohdewald
Antipyrine - new light on an old drug.
Pharm. Res. 1, 225-229 (1984).

16. P. Rohdewald, G. Drehsen, H. Derendorf
Phenazone, the underestimated analgesic.
Pharm. Ztg. 129, 552-558 (1984).

17. G. Drehsen, H. Derendorf, P. Rohdewald
Pain relief- but when ?
Münch. Med. Wschr. 126, 736-738 (1984).

18. P. Rohdewald, J. Rehder, G. Drehsen, G. Hochhaus, H. Derendorf, H. Möllmann
Simultaneous determination of glucocorticoid alcohols, their succinates and hydrocortisone in plasma.
J. Pharm. Biomed. Anal. 3, 565-573 (1985).

19. H. Derendorf, H. Möllmann, P. Rohdewald, J. Rehder, E.W. Schmidt
Kinetics of methylprednisolone and its hemisuccinate ester.
Clin. Pharm. Ther. 37, 502-507 (1985).

20. R.L. Yost, H. Derendorf
Rapid chromatographic determination of cefotaxime and its metabolite in biological fluids.
J. Chromatogr. 341, 131-138 (1985).

21. H. Derendorf, P. Rohdewald, H. Möllmann, J. Rehder, J. Barth, D. Neveling
Pharmacokinetics of prednisolone after high doses of prednisolone hemisuccinate.
Biopharm. Drug Disp. 6, 423-432 (1985).

22. E.R. Garrett, H. Derendorf, A. Mattha
Pharmacokinetics of morphine and its surrogates VI: HPLC-Analyses and pharmacokinetics of methadone and its derived metabolites in dogs.
J. Pharm. Sci. 74, 1203-1214 (1985).

23. H. Möllmann, P. Rohdewald, E.W. Schmidt, V. Salomon, H. Derendorf
Pharmacokinetics of triamcinolone acetonide and its phosphate ester.
Eur. J. Clin. Pharmacol. 29, 85-89 (1985).

24. P. Rohdewald, H. Derendorf, G. Drehsen, H.W. Granitzki, E. Neddermann
The attenuation of experimental pain by pyrazolones.
In "100 years pyrazolones", ed. by K. Brune and R. Lanz, Urban & Schwarzenberg, pg. 61-67 (1985).

25. H. Möllmann, J. Barth, K.M. Müller, P. Rohdewald, A. Grüner, H. Derendorf
Pulmonary complications in intensive care patients-therapeutic approaches for the treatment of ARDS
BGA-Schriften 486, 193-207 (1986).

26. H. Derendorf, P. Rohdewald, G. Hochhaus, H. Möllmann
HPLC determination of glucocorticoid alcohols, their phosphates and hydrocortisone in aqueous solutions and biological fluids.
J. Pharm. Biomed. Anal. 4, 197-206 (1986).

27. H. Derendorf, G. Mullersman, J. Barth, A. Grüner, H. Möllmann
Pharmacokinetics of diclofenac sodium after intramuscular administration in combination with triamcinolone acetate.
Eur. J. Clin. Pharmacol. 31, 363-365 (1986).

28. G. Mullersman, H. Derendorf
Ranitidine - rapid analysis in biological fluids and determination of erythrocyte partitioning.
J. Chromatogr. 381, 385-391 (1986).

29. G. Mullersman, V.P. Gotz, W.L. Russell, H. Derendorf
Lack of clinically significant in vitro and in vivo interactions between ranitidine and sucralfate.
J. Pharm. Sci. 75, 995-998 (1986).

30. R.L. Yost, H. Derendorf
Pharmacokinetics of cefotaxime and its metabolite in normal and morbidly obese patients.
Ther. Drug Monitor. 8, 189-194 (1986).

31. H. Derendorf, H. Möllmann, A. Grüner, D. Haack, G. Gyselby
Pharmacokinetics and pharmacodynamics of glucocorticoid suspensions after intraarticular administration.
Clin. Pharm. Ther. 39, 313-317 (1986).

32. H. Möllmann, J. Rehder, P. Rohdewald, B.E. Braun, J. Barth, H. Derendorf, B. Holtmann, A. Grüner
Exogenous and endogenous glucocorticoid plasma level after intramuscular administration of diclofenac and triamcinolone diacetate
Med. Welt 37, 371-377 (1986).

33. H. Möllmann, J. Barth, D. Haack, A. Grüner, D. Stroband G. Gyselby, P. Rohdewald, H. Derendorf
Comparison of the kinetics and dynamics of intraarticular glucocorticoid suspensions.
Akt. Rheumatol. 11, 55-60 (1986).

34. H. Derendorf, M. Kaltenbach
Coulometric high-performance liquid chromatographic-analysis morphine in biological fluids.
J. Pharm. Sci. 75, 1198-1200 (1986).

35. P. Rohdewald, H. Möllmann, J. Barth, J. Rehder, H. Derendorf
Pharmacokinetics of dexamethasone and its phosphate ester.
Biopharm. Drug Disp. 8, 205-212 (1987).

36. S.A. Stout, H. Derendorf
Local treatment of respiratory infections with antibiotics.
Drug Intel. Clin. Pharm. 21, 322-329 (1987).

37. H. Derendorf
Erythrocyte - binding of cepholosporins.
J. Pharm. Pharmacol. 39, 129-131 (1987).

38. P. Rohdewald, J. Rehder, H. Möllmann, J. Barth, H. Derendorf
Pharmacokinetics and pharmacodynamics of prednisolone after extremely high doses of prednisolone hemisuccinate.
Arzneimittelforschung (Drug Research), 37 (I), 194-198 (1987).

39. G. Mullersman, S. Toufflin, H. Derendorf
HPLC analysis of buprenorphine in plasma and urine using coulometric detection.
J. Pharm. Biomed. Anal. 5, 303-308 (1987).

40. S.A. Stout, C.M. Riley, H. Derendorf
The correlation between the pharmacokinetics of melphalan and the pharmacodynamic response of neuroblastoma cells treated in vitro.
Proc. Biopharm. Pharmacokin. II, 252-260 (1987).

41. H. Derendorf
Pharmacokinetic evaluation of cefotaxime in normal and obese subjects.
Proc. Biopharm. Pharmacokin. III, 11-18 (1987).

42. H. Möllmann, P. Rohdewald, J. Barth, H. Derendorf
Effect of high doses of glucocorticoids on the kinetics of human white blood cells in vivo.
Med. Klinik 83, 159-163 (1988).

43. G. Mullersman, H. Derendorf, M.E. Brewster, K.S. Estes, N. Bodor
HPLC-Assay of a CNS directed estradiol chemical delivery system and its application after intravenous administration to rats.
Pharm. Res. 5, 172-177 (1988).

44. H. Möllmann, P. Rohdewald, J. Barth, H. Derendorf, C. Möllmann, M. Verho.
Comparative pharmacokinetics of methylprednisolone phosphate and hemisuccinate in high doses.
Pharm. Res. 5, 509-513 (1988).

45. L.A. Berglund, H. Derendorf, J.W. Simpkins
Desensitation of brain opiate receptor mechanisms by gonadal steroid treatments that stimulate luteinizing hormone secretion.
Endocrinology 122, 2718-2726 (1988).

46. R.W. Townsend, V. Keuth, K. Embil, G. Mullersman, J.H. Perrin, H. Derendorf
High-performance liquid chromatographic determination of conjugated estrogens in tablets.
J. Chromatogr. 450, 414-419 (1988).

47. J. Limberg, H. Derendorf
Pharmacy education in the U.S.A.
Deut. Apoth. Ztg. 128, 2458-2461 (1988).

48. E.W. Schmidt, H.W. Möllmann, B.E. Braun, J. Barth, H. Derendorf
Circadian theophylline levels after single and multiple administration of a sustained released dosage form.
Therapiewoche 38, 2046-2051 (1988).

49. M.E. Brewster, K.S. Estes, T. Loftsson, R. Perchalski H. Derendorf, G. Mullersman, N. Bodor
Improved delivery through biological membranes XXXI: Solubilization and stabilization of an estradiol chemical delivery system by modified ß-cyclodextrins.
J. Pharm. Sci. 77, 981-985 (1988).

50. H. Derendorf
Pharmacokinetic evaluation of β-lactam antibiotics.
J. Antimicrob. Chemother. 24, 407-413 (1989).

51. H. Möllmann, J. Barth, D. Schött, W.T. Ulmer, H. Derendorf, G. Hochhaus
Differential therapeutic aspects of the treatment of toxic gas poisoning with glucocorticoids.
Intensivmed. 26, 2-15 (1989).

52. M.E. Brewster, T. Loftsson, K.E. Estes, G. Mullersman, H. Derendorf, N. Bodor
Water soluble complexes of a brain-targeted drug delivery system.
Proc. Intl. Symp. Cyclodextr. 4, 399-405 (1989).

53. H. Möllmann, P. Rohdewald, J. Barth, M. Verho, H. Derendorf
Pharmacokinetics and dose linearity testing of methylprednisolone phosphate.
Biopharm. Drug Disp. 10, 453-464 (1989).

54. H. Derendorf, H. Möllmann, P. Rohdewald, D. Strohband, J. Barth, G. Hochhaus
Pharmacokinetic aspects of intra-articular administration of glucocorticoids.
in Willert, Heuck (ed.), New Results in Osteology, Springer, Berlin, pp. 474-481 (1989).

55. J. Barth, H.W. Möllmann, H. Derendorf, G. Hochhaus
Pharmacodynamic interactions in systemic glucocorticoid therapy.
in Willert, Heuck (ed.), New Results in Osteology, Springer, Berlin, pp. 533-541 (1989).

56. J. Barth, A. Möllmann, G. Hochhaus, H. Derendorf, H.W. Möllmann
Absorption and transfer of water-soluble glucocorticoids through pulmonary membranes.
Atemw.-Lungenkrkh. 15, 412-416 (1989).

57. E.W. Schmidt, H. Derendorf, B. Rasche, H.W. Möllmann
Clinical and pharmacokinetic evaluation for the replacement therapy of α_1-protease-inhibitor in patients with congenital α_1-protease-inhibitor deficiency and lung emphysema.
Atemw.-Lungenkrkh. 15, 479-488 (1989).

58. H.G. Schaefer, D. Harrison, M.P. Hocking, J. Limberg, H. Derendorf
Effect of truncal vagotomy and partial gastrectomy on the pharmacokinetics of propranolol enantiomers in dogs.
J. Pharm. Sci. 79, 292-294 (1990).

59. H. Schreier, G. Hochhaus, R.J. Prankerd, H. Derendorf, M.E. Brewster, R.A. Baughman
Pharmaceutical Biotechnology: A new graduate course at the University of Florida College of Pharmacy.
Am. J. Pharm. Educ. 54, 46-50 (1990).

60. J. Limberg, M. LeBel, H. Derendorf
Evaluation of free tissue concentrations of fleroxacin after oral administration.
Pharm. Res. 7, 422-424 (1990).

61. E. Brunt, J. Limberg, H. Derendorf
High performance liquid chromatographic-assay and erythrocyte partitioning of fleroxacin, a new fluoroquinolon antibiotic.
J. Pharm. Biomed. Anal. 8, 67-71 (1990).

62. H. Derendorf, H. Möllmann, J. Barth
Comparative pharmacokinetic evaluation of glucocorticoids after intraarticular administratation.
Akt. Rheumatol. 15, 145-153 (1990).

63. F.F.T. Ververs, H.G. Schaefer, J.F. Lefevre, L.M. Lopez, H. Derendorf
Simultaneous HPLC-assay of propranolol, diltiazem and diltiazem-metabolites in human plasma with application.
J. Pharm. Biomed. Anal. 8, 535-539 (1990).

64. P. Adland-Davenport, M.P. Brown, J.D. Robinson, H. Derendorf
Pharmacokinetics of amikacin in critically ill neonatal foals treated for presumed or confirmed sepsis.
Equine Vet. J. 22, 18-22 (1990).

65. H. Derendorf, H. Möllmann, G. Voortman, F.A. van den Ouweland, L.B.A. van de Putte, G. Gevers, J. Dequeker, E. van Vliet-Daskalopoulou
Pharmacokinetics of rimexolone after intra-articular administration.
J. Clin. Pharmacol. 30, 476-479 (1990).

66. K. Dietzel, V. Keuth, K.S. Estes, M.E. Brewster, R. Clemmons, R. Vistelle, N.S. Bodor, H. Derendorf
A redox-based system that enhances delivery of estradiol to the brain: Pharmacokinetic evaluation in the dog.
Pharm. Res. 7, 879-883 (1990).

67. H.G. Schaefer, H. Spahn, L.M. Lopez, H. Derendorf
Simultaneous determination of propranolol and 4-hydroxypropranolol enantiomers after chiral derivatization using reversed phase high-performance liquid chromatography.
J. Chromatogr. 527, 351-359 (1990).

68. J. Limberg, D. Harrison, M.P. Hocking, H. Derendorf
Theophylline absorption and gastric emptying after partial gastrectomy in dogs.
J. Pharm. Sci. 79, 968-969 (1990).

69. M. Kaltenbach, S.H. Curry, H. Derendorf
Extent of drug absorption at the time of peak plasma concentration in an open one-compartment body model with first-order absorption.
J. Pharm. Sci. 79, 462 (1990).

70. K. Dietzel, K.S. Estes, M.E. Brewster, N.S. Bodor, H. Derendorf
The use of hydroxypropyl-β-cyclodextrin as a vehicle for intravenous administration of dexamethasone in dogs.
Int. J. Pharm. 59, 225-230 (1990).

71. J. Barth, H. Fett, M. Pörtner, B.E. Braun, H. Möllmann, P. Rohdewald, J. Krämer, H. Derendorf
Exogenous and endogenous glucocorticoid levels after epidural administration of glucocorticoid crystal suspensions in different volumes.
Orthop. Praxis 26, 729-736 (1990).

72. H. Möllmann, B. Armbruster, J. Barth, H. Derendorf, O.W. Flörke, G. Hochhaus, C.R. Möllmann, P. Rohdewald, E.W. Schmidt
Distribution and aggregation of crystals in glucocorticoid suspensions.
Akt. Rheumatol. 15, 101-124 (1990).

73. C.D. Hepler, L.M. Strand, H. Derendorf
The pharmacist and pharmaceutical care - future opportunities and responsibility.
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2. O. Rose, H. Derendorf
   Ein Patient mit Hyperlipidamie
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3. M. Zieglmeier, H. Derendorf, R. Hermann
   Eine Schmerzpatientin
   Deutsche Apotheker Zeitung 152, 2478-2486 (2012).

4. A.N. Förster, H. Derendorf, R. Hermann
   Eine Hypertonie-Patientin
   Deutsche Apotheker Zeitung 152, 3088-3095 (2012).

5. M. Zieglmeier, H. Derendorf, R. Hermann
   Eine Parkinson-Patientin mit Sturzneigung
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   Ein junger Asthmapatient
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7. O. Rose, D. Hage, H. Derendorf
   Eine depressive Patientin
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8. A.N. Förster, H. Derendorf, R. Hermann
   Ein jugendlicher Diabetiker
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9. O. Rose, T. Liebig, D. Maintz, H. Derendorf
   Ein Schlaganfall-Patient
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32. O. Rose, F. Horst, H. Derendorf
Eine multimorbide Patientin mit Osteoporose
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33. C. John, D. Hage, O. Rose, H. Derendorf
Ein Kind mit ADHS

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34. D. Mertens-Keller, M. Hoffmann, O. Rose, H. Derendorf
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37. M. Dircks, T. Grömer, J. Kornhuber, O. Rose, H. Derendorf, F. Dörje, K. Friedland
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Ein Patient mit Harnwegsinfekt

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Ein Jugendlicher nach Nierentransplantation
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50. I. Richling, F. Richling, O. Rose, H. Derendorf
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53. C. John, M. Steckstor, O. Rose, H. Derendorf
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54. I. Waltering, J. rech, O. Rose, H. Derendorf
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List of Papers Presented at Meetings

1. H. Derendorf, P. Rohdewald
   Measurement of the analgesic action by subjective and objective parameters.
   4th Meeting on the Pain Society of Germany, Austria and Switzerland, Munich, October 1979

2. P. Rohdewald, H. Derendorf, C.E. Elger, O. Knoll
   Evoked potentials as objective parameters of the analgesic response of weak analgesics.
   Clinical Applications of Evoked Potentials in Neurology, Lyon, October 1980

3. H. Derendorf, E.R. Garrett
   HPLC of methadone, its major metabolite and cocaine using a post-column extraction of a fluoresent ion-pair.
   31st National Meeting of the American Pharmaceutical Association Academy of Pharmaceutical Sciences, Orlando, November 1981

4. H. Derendorf, E.R. Garrrett
   Determination of morphine-antagonists in biological fluids using HPLC with electrochemical detection.
   3lst National Meeting of the American Pharmaceutical Association Academy of Pharmaceutical Sciences, Orlando, November 1981

5. H. Derendorf, G. Drehsen, P. Rohdewald
   Relative potency of over-the-counter analgesics estimated by somatosensory evoked potentials.
   83rd Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, Lake Buena Vista, March 1982

6. H. Derendorf, G. Drehsen, P. Rohdewald
   Drug release, saliva levels and efficacy of weak analgesics.
   1st General Conference on Pharmaceutical Sciences, Munich, April 1983

7. P. Rohdewald, H. Möllmann, E.W. Schmidt, G. Drehsen, H. Derendorf
   Influences of high doses of water-soluble glucocorticoids on the cortisol-level in humans.
   1st General Conference on Pharmaceutical Sciences Munich, April 1983

8. H. Derendorf, A.A. El-Koussi, E.R. Garrett
   Electrochemical determination of erythrocyte partitioning and protein binding of naloxone and naltrexone.
   1st General Conference on Pharmaceutical Sciences, Munich, April 1983

9. P. Rohdewald, H. Derendorf, G. Drehsen, C.E. Elger, O. Knoll
   Attenuation of pain by over-the-counter analgesics.
   Serturner-Symposium, Paderborn, June 1983

10. H. Derendorf, G. Hochhaus, H. Möllmann, P. Rohdewald
    Determination of glucocorticoids and their water soluble esters in biological fluids.
    35rd National Meeting of the American Pharmaceutical Association Academy of Pharmaceutical Sciences, Miami, November 1983

11. H. Derendorf, G. Drehsen, P. Rohdewald
    Analgesic activity of antipyrine in humans.
    85th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Atlanta, March 1984

12. H. Derendorf, H. Möllmann, P. Rohdewald
    Pharmacokinetics and pharmacodynamics of methylprednisolone and its hemisuccinate ester.
    131st Annual Meeting of the American Pharmaceutical Association, Montreal, May 1984

13. P. Rohdewald, H. Derendorf, H. Möllmann, J. Rehder, E.W. Schmidt
    Pharmacokinetics of water soluble glucocorticoids.
    Annual Meeting of the German Pharmaceutical Association, Dusseldorf, September 1984

14. H. Derendorf, R.L. Yost
Determination of cephalosporins and their metabolites in biological fluids.
37th National Meeting of the American Pharmaceutical Association Academy of Pharmaceutical Sciences, Philadelphia, October 1984

15. H. Derendorf, H. Möllmann, P. Rohdewald
Pharmacokinetics of glucocorticoids following the application of high doses of water soluble glucocorticoids.
7th European Workshop on Inflammation, Capri, April 1985

16. R.L. Yost, H. Derendorf, M.B. Affrime
Pharmacokinetics of cefotaxime and its metabolite in normal and morbidly obese subjects.
Annual meeting of the American College of Clinical Pharmacy, Orlando, July 1985

17. H. Derendorf, H. Möllmann, P. Rohdewald
Pharmacokinetics of high dose glucocorticoids
45th International Congress of Pharmaceutical Sciences of F.I.P., Montreal, September 1985

18. H. Derendorf, M. Kaltenbach
Coulometric HPLC analysis of morphine in biological fluids.
International Symposium on Drug Analysis, Ottawa, September 1985

19. R. Townsend, J.H. Perrin, H. Derendorf
HPLC - Determination of free and conjugated estrogens in tablets.
133rd Annual Meeting of the American Pharmaceutical Association, San Francisco, March 1986

20. H. Derendorf, H. Möllmann, P. Rohdewald, G. Gyselby
Pharmacokinetics and pharmacodynamics of glucocorticoid suspensions after intraarticular administration.
133rd Annual Meeting of the American Pharmaceutical Association, San Francisco, March 1986

21. H. Derendorf
Pharmacokinetics and pharmacodynamics of high-dose glucocorticoids.
19th Annual Higuchi Research Seminar, Lake Ozark, March 1986

22. H. Derendorf, M. Kaltenbach, G. von der Lippe
Coulometric HPLC-analysis of morphine-surrogates in biological fluids.
2nd International Symposium on Drug Analysis, Brussels, May 1986

23. G. Mullersman, V.P. Gotz, W.L. Russell, H. Derendorf
In vitro and in vivo interactions between ranitidine and sucralfate.
Annual Meeting of the American College of Clinical Pharmacy, Chicago, July 1986

24. G. Mullersman, H. Möllmann, A. Gruner, H. Derendorf
Influence of triamcinolone acetate on the pharmacokinetics of diclofenac after i.m. - administration.
Meeting of the Austrian and German Pharmaceutical Association, Innsbruck, September 1986

25. G. Mullersman, V. Gotz, H. Derendorf
In vitro and in vivo interaction between ranitidine and sucralfate.
Meeting of the Austrian and German Pharmaceutical Association, Innsbruck, September 1986

26. G. Mullersman, S. Toufflin, H. Derendorf
Coulometric HPLC-Analysis of buprenorphine
Meeting of the Austrian and German Pharmaceutical Association, Innsbruck, September 1986

27. M. Butschkau, J.H. Perrin, H. Derendorf
HPLC - determination, erythrocyte binding and relative bioavailability of codeine.
Meeting of the Austrian and German Pharmaceutical Association, Innsbruck, September 1986

28. H. Derendorf, R. Townsend, K. Embil
HPLC - determination of conjugated estrogens.
Meeting of the Austrian and German Pharmaceutical Association, Innsbruck, September 1986

29. H. Derendorf, G. Mullersman, M.E. Brewster, K.S. Estes, N.S. Bodor
Pharmacokinetics and pharmacodynamics of a brain-specific estradiol chemical delivery system.
Meeting of the Austrian and German Pharmaceutical Association, Innsbruck, September 1986

30. H. Derendorf, M. Butschkau, J.H. Perrin
HPLC-assay, erythrocyte binding and relative bioavailability of codeine.
Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1986

31. G. Mullersman, V. Gotz, H. Derendorf
In vitro and in vivo interactions between ranitidine and sucralfate.
Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1986

32. G. Mullersman, H. Möllmann, A. Grüner, H. Derendorf
Pharmacokinetics of diclofenac after intramuscular administration in combination with triamcinolone acetate.
Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1986

33. G. Mullersman, S. Toufflin, H. Derendorf
Coulometric HPLC-Analysis of buprenorphine.
Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1986

34. S.A. Stout, D. Worthington-White, C.M. Riley, H. Derendorf
Comparison of a short term assay and a clonogenic assay for the determination of anticancer drug effects.
88th Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, Orlando, March 1987

35. H. Derendorf, H. Möllmann, P. Rohdewald
Pharmacokinetics and pharmacodynamics of high-dose glucocorticoid esters.
88th Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, Orlando, March 1987

36. H. Derendorf
Pharmacokinetics and pharmacodynamics of a chemical delivery system for estradiol.
20th Annual Higuchi Research Seminar, Lake Ozark, March 1987

37. H. Derendorf
Pharmacokinetics of glucocorticoids.
Workshop on Glucocorticoids in Rheumatology and Orthopedics, Rottach-Egern, April 1987

38. S. A. Stout, C. M. Riley, H. Derendorf
The correlation between the pharmacokinetics of melphalan and the pharmacodynamic response of neuroblastoma cells treated in vitro.
3rd European Congress of Biopharmaceutics and Pharmacokinetics, Freiburg, April 1987

39. H. Derendorf
Pharmacokinetic evaluation of cefotaxime in normal and obese subjects.
3rd European Congress of Biopharmaceutics and Pharmacokinetics, Freiburg, April 1987

40. S.A. Stout, C.M. Riley, H. Derendorf
In vitro pharmacokinetics and pharmacodynamics of melphalan.
Biennial Conference on Chemotherapy of Infectious Diseases and Malignancies, Munich, April 1987

41. H. Derendorf
Estimation of free tissue levels for the pharmacokinetic evaluation of antibiotics.
Biennial Conference on Chemotherapy of Infectious Diseases and Malignancies, Munich, April 1987

42. H. Derendorf
Pharmacokinetic significance of free tissue levels.
Interscience Conference on Antimicrobial Agents and Chemotherapy, New York, October 1987

43. H. Derendorf
Pharmacokinetic criteria for the evaluation of beta-lactam antibiotics.
American Association of Pharmaceutical Scientists Western Regional Meeting, Reno, February 1988

44. H. Derendorf, H. Möllmann, P. Rohdewald
Pharmacokinetics and pharmacodynamics of methylprednisolone phosphate and hemisuccinate.
89th Annual Meetings of the American Society of Clinical Pharmacology and Therapeutics, San Diego, March 1988

45. H. Derendorf
Estimation of free tissue levels of antibiotics.
21st Annual Higuchi Research Seminar, Lake Ozark, March 1988

46. M.E. Brewster, K.S. Estes, T. Loftsson, G. Mullersman, H. Derendorf, R. Perchalski, N. Bodor
Chemical and biological properties of a 2-hydroxy-propyl-β-cyclodextrin complex of an estradiol chemical delivery system.
4th International Symposium on Cyclodextrins, Munich, April 1988

47. K.S. Estes, H. Derendorf, M.E. Brewster, N. Bodor
Buccal administration of a brain-targeted redox-based chemical delivery system for estradiol in rats.
Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1988

48. H. Derendorf, H. Möllmann, P. Rohdewald, C. Möllmann, J. Barth
Clinical pharmacodynamics of methylprednisolone phosphate.
Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1988

49. J. Barth, A. Fett, M. Pörtner, B.E. Braun, H.W. Möllmann, J. Krämer, P. Rohdewald, H. Derendorf
Pharmacokinetics of two glucocorticoid suspensions after epidural administration.
Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1988

50. H. Derendorf, K.S. Estes, R. Vistelle, M.E. Brewster, R. Clemmons, N. Bodor
Pharmacokinetics of an estradiol chemical delivery system in dogs.
Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1988

51. H. Möllmann, P. Rohdewald, J.Barth, C. Möllmann, H. Derendorf
Comparison of pharmacokinetic and pharmacodynamic properties of high doses of methylprednisolone prodrugs.
Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1988

52. E. Brunt, J. Limberg, H. Derendorf
HPLC-assay, protein binding and red blood cell partitioning of fleroxacin.
Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1988

53. H. Derendorf, H. Möllmann, P. Rohdewald, D. Stroband
Comparison of pharmacokinetic properties of several glucocorticoids after intraarticular administration.
Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1988

54. C.J. Betlach, A. Cohen, W. Huang, H. Derendorf, M.A. Gonzalez
The multiple dose pharmacokinetics of two 24 hour theophylline tablets in normal subjects.
45th Annual Congress of the American College of Allergy and Immunology, Los Angeles, November 1988

55. H. Möllmann, H. Derendorf, G. Hochhaus, J. Barth
Biopharmaceutical and pharmacological aspects of locally and systemically administered glucocorticoids.
4th Annual Meeting of the German Society for Osteology, Göttingen, February 1989

56. H. Möllmann, H. Derendorf, G. Hochhaus, J. Barth
Pharmacodynamic and mechanic interactions of locally administered glucocorticoid crystal suspensions.
4th Annual Meeting of the German Society for Osteology, Göttingen, February 1989

57. J. Barth, H. Möllmann, H. Derendorf, G. Hochhaus
Pharmacodynamic interactions of systemic glucocorticoid therapy.
4th Annual Meeting of the German Society for Osteology, Göttingen, February 1989

58. H. Derendorf, H. Möllmann, P. Rohdewald, D. Stroband, J. Barth, G. Hochhaus
Pharmacokinetic aspects of intraaarticular administration of glucocorticoids.
4th Annual Meeting of the German Society for Osteology, Göttingen, February 1989

59. H. Derendorf
Pharmacokinetics and pharmacodynamics of glucocorticoids.
22nd Annual Higuchi Research Seminar, Lake Ozark, March 1989

60. H. Derendorf, J. Limberg, E. Brunt
Erythrocyte uptake and protein binding of fleroxacin.
4th European Congress of Clinical Microbiology, Nice, April 1989

61. H. Derendorf, H. Möllmann, P. Rohdewald, C. Möllmann, M. Krieg, S. Tunn, J. Barth, H.J. Röthig
Clinical pharmacokinetics and pharmacodynamics of methylprednisolone phosphate.
4th World Conference on Clinical Pharmacology and Therapeutics, Mannheim-Heidelberg, July 1989

62. G. Hochhaus, H. Derendorf, H. Möllmann, C. Möllmann, M. Krieg, S. Tunn, J. Barth, H.J. Röthig
Comparison of the clinical pharmacodynamics of dexamethasone, methylprednisolone and triamcinolone acetonide.
4th World Conference on Clinical Pharmacology and Therapeutics, Mannheim-Heidelberg, July 1989

63. H. Möllmann, J. Barth, H. Derendorf, G. Hochhaus
Time course of bronchospasmolytic effects after injection of different water-soluble glucocorticoids.
4th World Conference on Clinical Pharmacology and Therapeutics, Mannheim-Heidelberg, July 1989

64. F.F.T. Ververs, L Lopez, H.G. Schaefer, S. Freyer, H. Derendorf
Simultaneous HPLC-assay of propranolol, diltiazem and diltiazem-metabolites in human plasma with applications.
49th International Congress of Pharmaceutical Sciences of F.I.P., Munich, September 1989

65. H. Derendorf, Y.L. Kan, J. Perrin
Effect of lovastatin on the pharmacokinetics of glipizide.
49th International Congress of Pharmaceutical Sciences of F.I.P., Munich, September 1989

66. J. Limberg, J. Sastry, N. Bodor, H. Derendorf
Analysis, stability and receptor binding studies on a chemical delivery system for enkephalins.
49th International Congress of Pharmaceutical Sciences of F.I.P., Munich, September 1989

67. K.S. Estes, K. Dietzel, M.E. Brewster, N. Bodor, H. Derendorf
Improved bioavailability of dexamethasone administered intravenously as a water soluble cyclodextrin inclusion complex.
49th International Congress of Pharmaceutical Sciences of F.I.P., Munich, September 1989

68. K. Dietzel, V. Keuth, K.S. Estes, M. Brewster, N. Bodor, H. Derendorf
Pharmacokinetics of a chemical delivery system for estradiol in dogs.
49th International Congress of Pharmaceutical Sciences of F.I.P., Munich, September 1989

69. H.G. Schaefer, H. Spahn, J. Limberg, H. Derendorf
Effects of partial gastrectomy on the pharmacokinetics of propranolol-enantiomers.
49th International Congress of Pharmaceutical Sciences of F.I.P., Munich, September 1989

70. H. Derendorf, H. Möllmann
Clinical pharmacokinetics and pharmacodynamics of methylprednisolone phosphate.
Annual Meeting of the Southeastern Chapter of the American College of Clinical Pharmacology, Augusta, September 1989.

71. K. Dietzel, K.S. Estes, M.E. Brewster, N.S. Bodor, H. Derendorf
Dose linearity testing for a chemical delivery system for estradiol in dogs.
Fourth Annual Meeting of the American Association of Pharmaceutical Scientists, Atlanta, October 1989.

72. K. Dietzel, K.S. Estes, M.E. Brewster, N.S. Bodor, H. Derendorf
Pharmacokinetics of dexamethasone after intravenous administration of an inclusion complex in ß-hydroxypropylcyclodextrin.
Fourth Annual Meeting of the American Association of Pharmaceutical Scientists, Atlanta, October 1989.

73. H. Derendorf, J. Limberg, J. Sastry, N. Bodor
Stability and receptor binding of chemical delivery systems for enkephalins.
Fourth Annual Meeting of the American Association of Pharmaceutical Scientists, Atlanta, October 1989.

74. H. Derendorf, H.G. Schaefer, J. Limberg, D. Harrison, M.P. Hocking
Effects of partial gastrectomy on the pharmacokinetics of propranolol-enantiomers and theophylinne in dogs.
Fourth Annual Meeting of the American Association of Pharmaceutical Scientists, Atlanta, October 1989.

75. H. Möllmann, J. Barth, E.W. Schmidt, P. Rohdewald, H. Derendorf, G. Hochhaus
Bronchospasmolytic activity of methylprednisolone in patients with severe pulmonary obstruction.
Fourth Annual Meeting of the American Association of Pharmaceutical Scientists, Atlanta, October 1989.

76. E.W. Schmidt, B. Rasche, H. Möllmann, J. Barth, W.T. Ulmer, H. Derendorf
Plasma-levels of α_1-protease inhibitor, trypsin inhibitor and elastase-inhibitor in patients with lung emphysema.
Fourth Annual Meeting of the American Association of Pharmaceutical Scientists, Atlanta, October 1989.

77. H. Derendorf
Dose optimization based on pharmacokinetic/pharmacodynamic modelling.
23rd Annual Higuchi Research Seminar, Lake Ozark, March 1990.

78. H. Derendorf
The role of pharmacokinetics in clinical trials.
7th Symposium on Chemotherapeutics, Munich, March 1990.

79. B. Wichert, H. Derendorf, R.J. Gonzalez-Rothi, H. Schreier
Anti-TB drug liposome aerosols: formulation, characterization, stability and uptake by pulmonary alveolar macrophages (AM) in vitro.
36th Annual Congress of the International Association for Pharmaceutical Technology (APV), Kiel, March 1990.

80. H. Derendorf
Estimation of free tissue levels as predictors of antibiotic activity.
Symposium on Antibiotic Policies, Vienna, March 1990.

81. J. Barth, H. Möllmann, H. Derendorf, G. Hochhaus
Pharmacokinetic-pharmacodynamic optimization of systemic glucocorticoid therapy of colitis.
Ulmer Symposium on Colitis, Ulm, March 1990.

82. H. Möllmann, J. Barth, H. Derendorf, G. Hochhaus
Clinical significance of pharmacokinetics, intrinsic activity and biopharmaceutical properties of glucocorticoids after oral and intravenous administration.
Ulmer Symposium on Colitis, Ulm, March 1990.

83. H. Möllmann, J. Barth, D. Hüppe, H. Derendorf, G. Hochhaus
Clinical pharmacology of rectally administered glucocorticoids for Crohn's Disease and colitis ulcerosa.
Ulmer Symposium on Colitis, Ulm, March 1990.

84. H. Möllmann, J. Barth, S. Tunn, M. Krieg, H. Derendorf, C.R. Möllmann
Pharmacokinetics and bioavailability of hydrocortisone after rectal administration of hydrocortisone acetate foam in comparison to oral or intravenous administration of hydrocortisone.
Ulmer Symposium on Colitis, Ulm, March 1990.

85. H. Derendorf, H. Möllmann, G. Hochhaus
Free peripheral compartment levels as interface between pharmacokinetics and pharmacodynamics of glucocorticoids.
3rd Symposium Frontiers of Pharmacokinetics and Pharmacodynamics, Baltimore, April 1990.

86. H. Derendorf, H. Möllmann, J. Barth, G. Hochhaus
Dose optimization of glucocorticoids based on pharmacokinetic-pharmacodynamic modelling.
Symposium on Measurement and Kinetics of In Vivo Drug Effects, Noordwijk, June 1990.

87. J. Barth, H. Möllmann, H. Derendorf, C. Möllmann, G. Hochhaus, K.H. Lehr, T. Höhler
Systemic absorption of prednicarbate after dermal, oral and pulmonary administration.
11th International Congress of Pharmacology, Amsterdam, July 1990.

88. K.S. Estes, K. Dietzel, M.E. Brewster, G. Ellison, N. Bodor, H. Derendorf
The oxidized metabolite of a redox-based chemical delivery system for estradiol is rapidly eliminated in bile and urine of dogs.
Gordon Conference on Drug Carriers in Medicine and Biology, Tilton, July 1990.

89. K.S. Estes, K. Dietzel, M.E. Brewster, N. Bodor, H. Derendorf
Dexamethasone administered intravenously as a water soluble cyclodextrin inclusion complex.
APhA End of Summer Meeting, Arlington, September 1990.

90. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Dose optimization of corticosteroids.
Annual Meeting of the Southeastern Chapter of the American College of Clinical Pharmacology, Johnson City, September 1990.

91. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Prediction of clinical potency of corticosteroids by pharmacokinetic-pharmacodynamic modelling.
Nineteenth Annual Meeting of the American College of Clinical Pharmacology, Las Vegas, November 1990.

92. P. LaBelle, P.D. Ronca, R.V. Zupkis, S. Schwartz, J. Perrin, H. Derendorf, Y.L. Kan
The short-term effects of lovastatin on glipizide pharmacokinetics and glycemic control in hypercholesterolemic diabetics.
Nineteenth Annual Meeting of the American College of Clinical Pharmacology, Las Vegas, November 1990.

93. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Area under the effect-time-curve as measure of cumulative drug effects.
Fifth Annual Meeting of the American Association of Pharmaceutical Scientists, Las Vegas, November 1990.

94. G. Hochhaus, L.S. Chen, H. Derendorf, P. Druzgala
Loteprednol etabonate: Tissue distribution and receptor binding.
Fifth Annual Meeting of the American Association of Pharmaceutical Scientists, Las Vegas, November 1990.

95. H.G. Schäfer, S. Freyer, J. Urciola, H. Schmidt, L. Lopez, H. Derendorf
Pharmacokinetic interaction of diltiazem and propranolol enantiomers.
Fifth Annual Meeting of the American Association of Pharmaceutical Scientists, Las Vegas, November 1990.

96. S.S. Mohamed, H. Derendorf
Binding of codeine to healthy and sickle erythrocytes.
Fifth Annual Meeting of the American Association of Pharmaceutical Scientists, Las Vegas, November 1990.

97. H. Derendorf, H. Möllmann, J. Barth, S. Tunn, M. Krieg
Saliva levels as predictors for free corticosteroid levels in plasma.
Fifth Annual Meeting of the American Association of Pharmaceutical Scientists, Las Vegas, November 1990.

98. K.S. Estes, K. Dietzel, M.E. Brewster, G. Ellison, N. Bodor, H. Derendorf
Rapid biliary elimination of the oxidized metabolite of a redox-based chemical delivery system for estradiol in dogs.
Fifth Annual Meeting of the American Association of Pharmaceutical Scientists, Las Vegas, November 1990.

99. H. Derendorf
The role of the pharmacist today and tomorrow.
21st International Pharmaceutical Continuing Education Week, Davos, January 1991.

100. H. Derendorf
Pharmacokinetic aspects of drug evaluation.
5th Symposium of the Section Pharmaceutical Chemistry of the German Pharmaceutical Society, Münster, March 1991.

101. H. Derendorf, H. Möllmann, J. Barth
Treatment of pulmonary diseases with corticosteroids on the basis of pharmacokinetic-pharmacodynamic relationships.
Pulmonology Symposium, Braunschweig, March 1991.

102. H. Derendorf
Dose optimization of corticosteroids based on pharmacokinetic-pharmacodynamic modelling.
International Workshop on Differential Corticosteroid Therapy of Chronically Inflamed Bowel Diseases, Köln, March 1991.

103. H. Derendorf
Twin peaks - stereoselective pharmacokinetics of propranolol.
24th Annual Higuchi Research Seminar, Lake Ozark, March 1991.

104. G. Hochhaus, R. Hochhaus, H. Möllmann, C. Barmeyer, H. Derendorf
A sensitive assay for the simultaneous measurement of dexamethasone and dexamethasone-21-isonicotinate.
1991 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Charleston, April 1991.

105. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Prediction of clinical potency of corticosteroids by pharmacokinetic-pharmacodynamic modelling.
1991 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Charleston, April 1991.

106. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Area under the effect-time-curve as measure of cumulative drug effects.
1991 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Charleston, April 1991.

107. S. Freyer, L. Lopez, H. Derendorf
Pharmacokinetic interaction of diltiazem and propranolol enantiomers.
1991 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Charleston, April 1991.

108. M.L. Kaltenbach, A.P. Mauderli, F. Bauman, B.L. Grundy, H. Derendorf
Tooth-pulp evoked potentials in human pain research: Methods and apparatus.
1991 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Charleston, April 1991.

109. S.S. Mohamed, P. Mehta, S. Gross, A. Kedar, M. Ayass, B. Tomlinson, H. Derendorf
Pharmacokinetics of codeine in sickle cell patients and healthy controls.
1991 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Charleston, April 1991.

110. K.H. Rand, K. Gibbs, H. Derendorf, J. Graham-Pole
Pharmacokinetics of intravenous immunoglobulin in bone marrow transplant patients.
Fifth International Conference on Immunopharmacology, Tampa, May 1991.

111. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Lymphocyte depression as a pharmacodynamic parameter for clinical corticosteroid activity.
Fifth International Conference on Immunopharmacology, Tampa, May 1991.

112. H. Derendorf
Relevant pharmacokinetic parameters for antibiotics.
17th International Congress of Chemotherapy, Berlin, June 1991.

113. K.S. Estes, M.E. Brewster, H. Derendorf, R.M. Clemmons, N. Bodor
Sustained estradiol in CSF with a chemical delivery system.
Controlled Release Society, Amsterdam, July 1991.

114. J. Barth, H. Möllmann, S. Tunn, T. Wagner, H. Derendorf, G. Hochhaus
Systemic absorption from hydrocortisone acetate rectal foam after single and multiple administration in healthy volunteers and patients with ulcerative colitis
11th Congress of the European Association of Internal Medicine, Lissabon, September 1991

115. H. Derendorf
Significance of pharmacokinetic parameters for drug evaluation.
First Pharmacy Congress of the South Cone, Gramado, September 1991.

116. H. Derendorf
Drug level monitoring in pharmacy practice.
First Pharmacy Congress of the South Cone, Gramado, September 1991.

117. H. Möllmann, J. Barth, I. Wagner, S. Tunn, M. Krieg, C. Möllmann, H. Derendorf
Pharmacokinetics and rectal bioavailability of hydrocortisone acetate after single and multiple administration.
20th Annual Meeting of the American College of Clinical Pharmacology, Atlanta, October 1991.

118. S. Freyer, L. Lopez, H. Derendorf
Pharmacokinetic interaction of diltiazem and propranolol enantiomers.
20th Annual Meeting of the American College of Clinical Pharmacology, Atlanta, October 1991.

119. H. Möllmann, J. Barth, U. Bötel, G. Hochhaus, H. Derendorf, T. Wagner
Ultra-high doses of methylprednisolone in acute spinal cord injury: pharmacokinetic considerations.
20th Annual Meeting of the American College of Clinical Pharmacology, Atlanta, October 1991.

120. G. Hochhaus, H. Derendorf, E.W. Schmidt, H. Möllmann
Effects versus side-effects: dose optimization based on an integrated pharmacokinetic/dynamic approach.
20th Annual Meeting of the American College of Clinical Pharmacology, Atlanta, October 1991.

121. S.S. Mohamed, P. Mehta, S. Gross, A. Kedar, M. Ayass, B. Tomlinson, H. Derendorf
Pharmacokinetics of codeine in sickle cell patients and healthy controls.
20th Annual Meeting of the American College of Clinical Pharmacology, Atlanta, October 1991.

122. H. Derendorf
Choice of appropriate pharmacokinetic-pharmacodynamic models for predicting drug effects.
First Annual Meeting of the Society for Clinical Pharmacology, Kloster Arnsburg, October 1991.

123. K. Rand, K. Gibbs, H. Derendorf, J. Graham-Pole
Pharmacokinetics of intravenous immunoglobulin in bone marrow transplant patients.
Sixth Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1991.

124. C.D. Page, M. Mautino, H. Derendorf, J.P. Anhalt
Comparative pharmacokinetics of trimethoprim-sulfamethoxazole administered intravenously and orally to captive elephants.
Sixth Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, Novemeber 1991.

125. M. Kaltenbach, A. Mauderli, B.L. Grundy, H. Derendorf
Tooth-pulp evoked potentials in human pain research: application to the study of the analgesic effect of codeine and ibuprofen.
Sixth Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1991.

126. S.S. Mohamed, P. Mehta, S. Gross, A. Kedar, M. Ayass, B. Tomlinson, H. Derendorf
Pharmacokinetics of codeine in sickle cell patients and healthy controls.
Sixth Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1991.

127. J. Barth, H. Möllmann, J. Armbruster, O.W. Flörke, G. Hochhaus, H. Derendorf
Biopharmaceutical characterization of crystals in glucocorticoid suspensions.
Sixth Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1991.

128. G. Hochhaus, R. Hochhaus, H. Möllmann, C. Barmeyer, H. Derendorf
A sensitive assay for the simultaneous measurement of dexamethasone and dexamethasone-21-isonicotinate.
Sixth Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1991.

129. G. Hochhaus H. Derendorf, H. Möllmann, E. Schmidt
Is there a dose with an optimal effect/side effect ratio ?
Sixth Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, November 1991.

130. J. Barth, H. Möllmann, S. Tunn, T. Wagner, H. Derendorf, G. Hochhaus
Systemic absorption from hydrocortisone acetate rectal foam after single and multiple administration in healthy volunteers and patents with ulcerative colitis.
11th Congress of the European Association of Internal Medicine, Lisbon, November 1991.

131. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Comparative pharmacokinetics and pharmacodynamics of intravenously administered prodrugs for corticosteroids.
Japanese-U.S.-Symposium on Drug Delivery, Maui, December 1991.

132 H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Pulmonary delivery of lipophilic and water-soluble glucocorticoids: pharmacokinetic evaluation.
Japanese-U.S.-Symposium on Drug Delivery, Maui, December 1991.

133. J. Barth, H. Möllmann, H. Derendorf, G. Hochhaus
Glucocorticoid suspensions for sustained release delivery in orthopedics and rheumatology: factors modulating bioavailability
Japanese-U.S.-Symposium on Drug Delivery, Maui, December 1991.

134. H. Möllmann, U. Bötel, J. Barth, C. Möllmann, G. Hochhaus, H. Derendorf
Acute treatment of spinal trauma.
Symposium on Treatment of Spinal Cord Injuries, Erfurt, March 1992.

135. H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf, E. van Winden
Pharmacokinetic/dynamic investigations during therapeutic use of mega-dose methylprednisolone in patients with acute spinal trauma.
International Workshop on Neurological Recovery after Spinal Cord Injuries, Heidelberg, March 1992.

136. H. Derendorf
Hard-linked pharmacokinetic-pharmacodynamic models.
25th Annual Higuchi Research Seminar, Lake Ozark, March 1992

137. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Receptor based pharmacokinetic-pharmacodynamic model for corticosteroids.
Ninety-third Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Orlando, March 1992.

138. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Comparative pharmacokinetics and pharmacodynamics of intravenously administered prodrugs for corticosteroids.
1992 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Wilmington, April 1992.

139. H. Derendorf, H. Möllmann, J. Barth, S. Tunn, M. Krieg
Saliva levels as predictors for free corticosteroid levels in plasma.
1992 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Wilmington, April 1992.

140. K. Rand, H. Derendorf, K. Gibbs, J. Graham-Pole
Pharmacokinetics of intravenous immunoglobulin in bone marrow transplant patients.
1992 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Wilmington, April 1992.

141. C.D. Page, M. Mautino, H. Derendorf, J.P. Anhalt
Comparative pharmacokinetics of trimethoprim-sulfamethoxazole administered intravenously and orally to captive elephants.
1992 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Wilmington, April 1992.

142. H. Möllmann, J. Barth, I. Wagner, S. Tunn, M. Krieg, C. Möllmann, H. Derendorf
Pharmacokinetics and rectal bioavailability of hydrocortisone acetate after single and multiple administration to healthy volunteers and patients.
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143. S. Balbach, H. Möllmann, U. Boetel, J. Barth, T. Wagner, G. Hochhaus, E. van Winden, H. Derendorf
CSF/plasma concentrations of methylprednisolone after ultra-high doses in acute spinal cord injury.
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144. A. Nolting, J. Limberg, M. Lebel, H. Derendorf
Free tissue levels as predictors of antibiotic activity
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145. S.S. Mohamed, P. Mehta, S. Gross, A. Kedar, M. Ayass, B. Tomlinson, H. Derendorf
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146. K.S. Estes, M.E. Brewster, H. Derendorf, R.M. Clemmons, N. Bodor
A chemical delivery system (CDS) enhances estradiol (E_2) in CSF vs. plasma
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147. J. Barth, H. Möllmann, H. Derendorf, G. Hochhaus
Morphological properties, pharmacokinetics and local availability of intraarticularly administered glucocorticoid crystal suspensions.
98th Conference of the German Society of Internal Medicine, Wiesbaden, April 1992.

148. K. McNicol, M. Ausborn, H. Derendorf, R. Gonzalez-Rothi, D. Soucy, A. Stecenko, H. Schreier
Pharmacokinetics of pulmonary delivery of amikacin liposomes and liposome toxicity in sheep.
International Conference of the American Lung Association / American Thoracic Society, Miami Beach, May 1992.

149. H. Derendorf
Pharmacokinetic/pharmacodynamic consequences of space flight.
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150. G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Molecular pharmacological aspects of glucocorticoid therapy
Current Concepts of Glucocorticoid Therapy, Darmstadt, May 1992.

151. H. Möllmann, J. Barth, H. Derendorf, G. Hochhaus
Fundamentals of corticosteroid therapy
Current Concepts of Glucocorticoid Therapy, Darmstadt, May 1992.

152. H. Derendorf, H. Möllmann, J. Barth, G. Hochhaus
Rational dose optimization in corticosteroid therapy
Current Concepts of Glucocorticoid Therapy, Darmstadt, May 1992.

153. J. Barth, H. Möllmann, G. Hochhaus, H. Derendorf
Pharmacodynamic interaction of corticosteroids with immunological and inflammatory processes
Current Concepts of Glucocorticoid Therapy, Darmstadt, May 1992.

154. H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
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155. H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf, E. van Winden, U. Bötel
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156. J. Barth, T. Wagner, S. Tunn, A. Tromm, H. Derendorf, M. Krieg, H. Möllmann, G. Hochhaus
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157. T. Wagner, J. Barth, A. Tromm, S. Tunn, M. Krieg, H. Derendorf, H. Möllmann
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158. H. Möllmann, J. Barth, A. Tromm, C. Bigalke, T. Wagner, U. Schwegler, S. Tunn, H. Derendorf, M. Krieg, B. May, G. Hochhaus
Pharmacokinetics and bioavailability of hydrocortisone after single and multiple rectal administration of hydrocortisone acetate foam in patients with distal chronic and inflammatory bowel diseases in comparison to healthy volunteers
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159. H. Derendorf
What exactly is "tissue concentration"?
4th Biennial Conference on Chemotherapy of Infectious Diseases and Malignancies, Prague, August 1992.

160. A. Nolting, J. Limberg, M. Lebel, H. Derendorf
Free tissue concentrations as predictors of antibiotic activity
4th Biennial Conference on Chemotherapy of Infectious Diseases and Malignancies, Prague, August 1992.

161. K. Rand, H. Derendorf, K. Gibbs, J. Graham-Pole
Pharmacokinetics of intravenous immunoglobulin in bone marrow transplant patients
4th Biennial Conference on Chemotherapy of Infectious Diseases and Malignancies, Prague, August 1992.

162. S. Rohatagi, H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Evaluation of pharmacokinetic interactions between prednisolone and hydrocortisone
21st Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1992.

163. A. Suri, H. Derendorf, R.J.M. Mies, M. Kaltenbach, J. van der Aa, N. Gravenstein
Use of a spreadsheet program for the determination of variable infusion rates to produce stepwise changes of morphine steady state levels
21st Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1992.

164. H. Möllmann, M. Damoiseaux, J. Barth, K.H. Brandis, G. Hochhaus, H. Derendorf
Pharmacokinetics and pharmacodynamics of prednisolone after intravenous and oral administration
21st Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1992.

165. H. Derendorf
Clinical significance of pharmacokinetic-pharmacodynamic models
21st Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1992.

166. K.S. Estes, M. Brewster, H. Derendorf, R.M. Clemmons, N. Bodor
A chemical delivery system (CDS) enhances estradiol in CSF vs. plasma of dogs
7th Annual Meeting of the American Association of Pharmaceutical Scientists, San Antonio, November 1992.

167. C. Vivas, L. Panton, M. Gonzalez, D. Lowenthal, J. Graves, H. Derendorf
Analysis of propranolol in human plasma by reversed phase liquid chromatography
1993 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Research Triangle Park, April 1993.

168. A. Nolting, H. Derendorf
Determination of piperacillin in broth solution by high performance liquid chromatography
1993 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Research Triangle Park, April 1993.

169. S. Rohatagi, H. Möllmann, J. Barth, A. Soldner, G. Hochhaus, H. Derendorf
Analysis of hydrocortisone, prednisolone and methylprednisolone in biological fluids using normal phase chromatography
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170. A. Suri, V. Srinivasan, M. Kaltenbach, B. Grundy, H. Derendorf
Pharmacodynamic evaluation of codeine using tooth pulp evoked potentials
1993 Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Research Triangle Park, April 1993.

171. H. Möllmann, A. Tromm, U. Schwegler, B. May, J. Barth, T. Wagner, H. Derendorf, G. Hochhaus
Pharmacokinetics and pharmacodynamics of budesonide after rectal application
9th Annual Meeting of the American Gastroenterological Association, Boston, May 1993.

172. A. Tromm, H. Möllmann, U. Schwegler, B. May, J. Barth, H. Derendorf, G. Hochhaus
Pharmacokinetics and pharmacodynamics of budesonide after oral topical administration
Pharmacokinetics and pharmacodynamics of budesonide after rectal application
9th Annual Meeting of the American Gastroenterological Association, Boston, May 1993.

173. H. Derendorf
The significance of free tissue analysis for the pharmacokinetic evaluation of antibiotics
Hungarian Society for Chemotherapy, Debrecen, June 1993.

174. H. Derendorf
Prospects for controlled drug delivery systems: Impact on drug therapy
Florida Pharmacy Association, Marco Island, July 1993.

175. H. Derendorf, J. Barth, G. Hochhaus, H. Möllmann
Kinetic/dynamic interrelationships as basis for rational therapy
Conference on Corticosteroids for Inflammatory Bowel Diseases, Strassburg, September 1993.

176. H. Derendorf, H. Möllmann, A. Tromm
Optimization of therapy by development of disease-related specific dose regimens
Conference on Corticosteroids for Inflammatory Bowel Diseases, Strassburg, September 1993.

177. H.W. Ecker, H. Möllmann, A. Tromm, W. Lindemann, J. Barth, H. Derendorf, G. Hochhaus, B. May
Comparison of pharmacodynamic effects of 3 mg budesonide in healthy volunteers and patients with inflammatory bowel disease after ileostomy
IV. International Symposium on Chronic Inflammatory Bowel Diseases, Strassburg, September 1993.

178. H. Möllmann, A. Tromm, U. Schwengler, B. May, J. Barth, A. Wagner, S. Tunn, M. Krieg, H. Derendorf, G. Hochhaus
Pharmacodynamics of budesonide after rectal application in healthy volunteers: evidence for low systemic side effects
IV. International Symposium on Chronic Inflammatory Bowel Diseases, Strassburg, September 1993.

179. H. Möllmann, A. Tromm, J. Barth, S. Tunn, M. Krieg, U. Schwengler, B. May, H. Derendorf, G. Hochhaus
Plasma levels of budesonide after multiple oral administration of budesonide in healthy volunteers
IV. International Symposium on Chronic Inflammatory Bowel Diseases, Strassburg, September 1993.

180. J. Barth, H. Möllmann, A. Tromm, S. Tunn, M. Krieg, U. Schwengler, B.May, H. Derendorf, G. Hochhaus
Systemic effects of orally administered budesonide: comparison of a single and divided dose regimen
IV. International Symposium on Chronic Inflammatory Bowel Diseases, Strassburg, September 1993.

181. U. Bötel, E. Gläser, J. Barth, R. Schumann, G. Hochhaus, H. Derendorf, S. Tunn, M. Krieg, C. Möllmann, H. Möllmann
Pharmacokinetics and metabolic interactions of ultra-high dosed methylprednisolone in patients with acute spinal cord injury
3rd Scientific Meeting of the Scandinavian Medical Society of Paraplegia, Lahti, September 1993.

182. H. Derendorf, G. Hochhaus, H. Möllmann, J. Barth
Clinical significance of pharmacokinetic-pharmacodynamic modeling of corticosteroids
World Congress of Pharmacy and Pharmaceutical Sciences FIP '93, Tokyo, September 1993.

183. H. Derendorf
Pharmacodynamic aspects of oral, buccal and nasal systemic drug delivery
FIP Taipei Post-Congress Symposium, Taipei, September 1993.

184. A. Tromm, H. Möllmann, U. Schwengler, B. May, J. Barth, H. Derendorf, G. Hochhaus
Orla treatment with budesonide in healthy volunteers: evidence of low systemic side effects
22nd Annual Meeting of the American College of Clinical Pharmacology, Boston, November 1993.

185. H. Möllmann, A. Tromm, U. Schwegler, B. May, J. Barth, T. Wagner, H. Derendorf, G. Hochhaus
Pharmacodynamics of budesonide after rectal application in healthy volunteers
22nd Annual Meeting of the American College of Clinical Pharmacology, Boston, November 1993.

186. G. Henderson, P. Whalen, R. Darr, S. Curry, H. Derendorf, T. Baumgatner, P. Stacpoole
Development and stability of an oral drug formulation for dichloroacetate and thiamine
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

187. A. Nolting, H. Derendorf, K. Rand
An in vitro pharmacokinetic-pharmacodynamic model for piperacillin
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

188. S. Rohatagi, H. Möllmann, J. Barth, A. Soldner, G. Hochhaus, H. Derendorf
Pharmacokinetic and pharmacodynamic modeling of multiple dosing regimens of methylprednisolone and prednisolone
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

189. A. Tromm, H. Möllmann, U. Schwengler, B. May, J. Barth, H. Derendorf, G. Hochhaus
Oral treatment with budesonide: results of a pharmacodynamic study in healthy volunteers
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

190. A. Suri, V. Srinivasan, M. Kaltenbach, B. Grundy, H. Derendorf
Somatosensory evoked potentials for measuring the analgesic effect of codeine
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

191. H. Möllmann, A. Tromm, U. Schwengler, B. May, J. Barth, T. Wagner, H. Derendorf, G. Hochhaus
Budesonide enemas and suppositories in healthy volunteers: evidence for low systemic side effects
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

192. J. Barth, G. Hochhaus, H. Derendorf, K.H. Lehr, T. Hoehler, H. Möllmann
Pharmacokinetics of prednicarbate in humans after oral, pulmonary and cutaneous administration
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

193. J. Barth, G. Hochhaus, R. Hochhaus, H. Derendorf, H. Möllmann
Pharmacokinetics and pharmacodynamics of dexamethasone sulfobenzoate and dexamethasone phosphate
8th Annual Meeting of the American Association of Pharmaceutical Scientists, Orlando, November 1993.

194. L. Williams, L.B. Panton, G.J. Guillen, J.E. Graves, C. Vivas, M. Gonzalez, H. Derendorf, M.L. Pollock, D.T, Lowenthal
Effect of aerobic exercise training on propranolol pharmacokinetics in young and elderly adults
Ninety-fifth Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, New Orleans, March 1994.

195. L. Panton, D. Lowenthal, G. Guillen, L. Williams, J. Graves, H. Derendorf, L. Garzarella, C. Vivas, M. Pollock
Effect of aerobic exercise training on resting hepatic blood flow and propranolol

kinetics in young and elderly adults
Annual Meeting of the American Geriatrics Society, Los Angeles, March 1994.

196. A. Nolting, T. Dalla Costa, H. Derendorf, K. Rand
An in vitro pharmacokinetic-pharmacodynamic model for piperacillin
1994 AAPS Southeast Regional Meeting, Durham, April 1994

197. S. Rohatagi, G. Hochhaus, H. Derendorf
Pharmacokinetic and pharmacodynamic modeling of triamcinolone acetonide after intravenous, oral and pulmonary administration
1994 AAPS Southeast Regional Meeting, Durham, April 1994

198. E. Galia, S. Rohatagi, G. Hochhaus, H. Derendorf
Hydrocortisone suppression after triamcinolone acetonide administration by various routes
1994 AAPS Southeast Regional Meeting, Durham, April 1994

199. S. Rohatagi, G. Hochhaus, H. Derendorf
Oral and pulmonary bioavailability of triamcinolone acetonide
1994 AAPS Southeast Regional Meeting, Durham, April 1994

200. S. Rohatagi, E. Galia, G. Hochhaus, H. Derendorf
Pharmacokinetic and pharmacodynamic modeling of triamcinolone acetonide after intravenous, oral and pulmonary administration
5th Symposium: Frontiers in Pharmacokinetics and Pharmacodynamics, Baltimore, April 1994.

201. H. Derendorf
Pharmacokinetic-pharmacodynamic models
Forum on current therapeutic concepts and rational use of corticosteroids for lung and intestinal diseases, Dresden, June 1994.

202. H. Derendorf
Pharmacokinetic/pharmacodynamic analysis of corticosteroids - implications for clinical use.
International Workshop on Corticosteroids, Göttingen, September 1994.

203. H. Derendorf, G. Hochhaus, S. Rohatagi, J. Barth, H. Möllmann
Receptor-based PK/PD model for corticosteroids
Second European Congress of Pharmaceutical Sciences, Berlin, September 1994.

204. G. Hochhaus, R. Gonzalez-Rothi, E.W. Schmidt, H. Möllmann, H. Derendorf, T. Dalla Costa, H. Schreier
PK/PD characterization of pulmonary targeting
Second European Congress of Pharmaceutical Sciences, Berlin, September 1994.

205. G. Hochhaus, P. Froehlich, H. Derendorf, H. Möllmann
Selective HPLC/RIA assay for budesonide in biological fluids
Second European Congress of Pharmaceutical Sciences, Berlin, September 1994.

206. H. Derendorf
Pharmaceutical education in the U.S.A.
ABDA Symposium on Pharmaceutical Care, Frankfurt, October 1994.

207. H. Derendorf
Influence of systemic delivery on pharmacodynamics
23rd Annual Meeting of the American College of Clinical Pharmacolgy, Orlando, October 1994.

208. A. Suri, M. Kaltenbach, B. Grundy, H. Derendorf
Pharmacodynamic evaluation of codeine using tooth pulp evoked potentials
23rd Annual Meeting of the American College of Clinical Pharmacolgy, Orlando, October 1994.

209. A. Nolting, T. Dalla Costa, R. Vistelle, H. Derendorf
Free tissue levels of piperacillin, measured by microdialysis, as indicators of antibacterial activity
23rd Annual Meeting of the American College of Clinical Pharmacolgy, Orlando, October 1994.

210. S. Rohatagi, E. Galia, G. Hochhaus, H. Derendorf
Influence of endogenous hydrocortisone on pharmacokinetics and pharmacodynamics of exogenous corticosteroids
23rd Annual Meeting of the American College of Clinical Pharmacolgy, Orlando, October 1994.

211. S. Rohatagi, A. Soldner, J. Barth, H. Möllmann, G. Hochhaus, H. Derendorf
Pharmacokinetic and pharmacodynamic modelling of oral multiple dosing of methylprednisolone
23rd Annual Meeting of the American College of Clinical Pharmacolgy, Orlando, October 1994.

212. P. Froehlich, H. Derendorf, H. Möllmann, G. Hochhaus
A novel method for analysis of budesonide and its metabolites in biological fluids
23rd Annual Meeting of the American College of Clinical Pharmacolgy, Orlando, October 1994.

213. A. Suri, H. Derendorf
Determination of ibuprofen enantiomers by reversed phase HPLC using a derivatization technique
9th Annual Meeting of the American Association of Pharmaceutical Scientists, San Diego, November 1994.

214. S. Rohatagi, E. Galia, G. Hochhaus, H. Derendorf
Influence of endogenous hydrocortisone on pharmacokinetics and pharmacodynamics of exogenous corticosteroids
9th Annual Meeting of the American Association of Pharmaceutical Scientists, San Diego, November 1994.

215. S. Rohatagi, A. Soldner, J. Barth, H. Möllmann, G. Hochhaus, H. Derendorf
Pharmacokinetic and pharmacodynamic modeling of oral multiple dosing of methylprednisolone
9th Annual Meeting of the American Association of Pharmaceutical Scientists, San Diego, November 1994.

216. S. Rohatagi, E. Galia, G. Hochhaus, H. Derendorf
Pharmacokinetic and pharmacodynamic modeling of triamcinolone acetonide after intravenous, oral and pulmonary administration
9th Annual Meeting of the American Association of Pharmaceutical Scientists, San Diego, November 1994.

217. A. Nolting, T. Dalla Costa, R. Vistelle, H. Derendorf
Free tissue levels of piperacillin measured by microdialysis as indicators of antibacterial activity
9th Annual Meeting of the American Association of Pharmaceutical Scientists, San Diego, November 1994.

218. H. Derendorf
Introduction to PK/PD modelling
1st Pharmacokinetic Experts Meeting, Wuppertal, January 1995.

219. H. Derendorf
Tissue pharmacokinetics
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

220. H. Derendorf
Combination of pharmacokinetics and pharmacodynamics
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

221. P. Froehlich, H. Derendorf, H. Möllmann, G. Hochhaus
A novel method for analysis of budesonide and its metabolites in biological fluids
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

222. S. Rohatagi, G. Hochhaus, H. Möllmann, J. Barth, M. Erdmann, H. Sourgens, H. Derendorf
Oral and pulmonary bioavailability of triamcinolone acetonide
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

223. S. Rohatagi, E. Galia, G. Hochhaus, H. Möllmann, J. Barth, M. Erdmann, H. Sourgens, H. Derendorf
Pharmacokinetic and pharmacodynamic modelling of triamcinolone acetonide after intravenous, oral and pulmonary administration
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

224. S. Rohatagi, H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Evaluation of the pharmacokinetic interaction between prednisolone and hydrocortisone
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

225. A. Tromm, H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Plasma levels and pharmacodynamic effects of budesonide tablets and pH-modified-release capsules. Results of a comparative study in healthy volunteers
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

226. J. Barth, G. Hochhaus, R. Hochhaus, H. Derendorf, H. Möllmann
Pharmacokinetics and pharmacodynamics of the water-soluble dexamethasone-21-sulfobenzoate and dexamethasone phosphate
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

227. H. Möllmann, J. Barth, M. Krieg, T. Wagner, H. Derendorf, G. Hochhaus
Absorption from hydrocortisone after single and multiple rectal administrations of a hydrocortisone acetate foam preparation
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

228. J. Barth, H. Möllmann, H. Derendorf, C. Möllmann, G. Hochhaus, K.H. Lehr, T. Höhler
Pharmacokinetics and metabolism of prednicarbate after different routes of administration
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

229. A. Möllmann, H. Möllmann, A. Tromm, G. Hochhaus, J. Barth, C. Bigalke, H. Derendorf, B. May
Plasma levels and systemic effects after administration of budesonide enemas and foams
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

230. J. Barth, H. Möllmann, H. Derendorf, G. Hochhaus
Glucocoricoid crystal suspensions for intra-articular administration: crystal morphology, pharmacokinetics and local drug concentrations
4th Annual Meeting of the Association for Applied Human Pharmacology, Neuss, January 1995.

231. H. Derendorf
Dose optimization of corticosteroids based on PK/PD-modeling
PhRMA Foundation Annual Awardee Meeting, Washington, February 1995.

232. H. Derendorf
Dose optimization of anti-infective drugs using microdialysis
28th Annual Higuchi Research Seminar, Lake Ozark, March 1995.

233. H. Derendorf
New developments in the field of pharmacokinetics
25 Anos do Curso de Pós-Graduação em Ciências Farmacêuticas da UFRGS, Porto Alegre, March 1995.

234. A. Tromm, H. Möllmann, J. Barth, B. May, G. Hochhaus, H. Derendorf
Budesonide plasma levels and quantitative pharmacodynamic effects after oral administartion of pH-modified release tablets and capsules
4th Conference of Gastroenterology, Bonn, March 1995.

235. H. Derendorf
Ambulatory intravenous anti-infective therapy
Symposium on Effective Antibiotic Therapy, Rostock, June 1995.

236. H. Derendorf
Clinical Pharmacokinetics of Antibiotics
Symposium on Effective Antibiotic Therapy, Rostock, June 1995.

237. S. Rohatagi, G. Hochhaus, H. Derendorf
Correlation of in vitro and in vivo corticosteroid receptor affinity
Eastern Regional Meeting of the American Association of Pharmaceutical Scientists, New Brunswick, June 1995.

238. A. Suri, H. Derendorf
Pharmacodynamic-pharmacokinetic modeling of the analgesic effect of ibuprofen and flurbiprofen
Eastern Regional Meeting of the American Association of Pharmaceutical Scientists, New Brunswick, June 1995.

239. S. Rohatagi, A. Bye, A. Mackie, H. Derendorf
Mathematical modeling of cortisol circadian rhythm and cortisol suppression
Eastern Regional Meeting of the American Association of Pharmaceutical Scientists, New Brunswick, June 1995.

240. S. Rohatagi, H. Derendorf
Correlation of in vitro and in vivo corticosteroid receptor affinity
GRASP Meeting, New York, June 1995

241. S. Rohatagi, H. Derendorf
Mathematical mndeling of cortisol circadian rhythm and cortisol suppression
GRASP Meeting, New York, June 1995

242. T. Dalla Costa, H. Derendorf, A. Nolting, A. Kovar
Microdialysis determination of free tissue concentrations of tazobactam and piperacillin administered alone and in combination
GRASP Meeting, New York, June 1995

243. S. Suarez, G. Hochhaus, R. Gonzalez-Rothi, A. Lukyanov, H. Derendorf, H. Schreier, T. Dalla Costa
Liposomes as a targeted delivery system to the lung
GRASP Meeting, New York, June 1995

244. A. Suri, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of the analgesic effect of ibuprofen and flurbiprofen
GRASP Meeting, New York, June 1995

245. A. Kovar, T. Dalla Costa, H. Derendorf
Determination of plasma and free tissue levels of ceftriaxone in rats using microdialysis
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

246. T. Dalla Costa, A. Nolting, A. Kovar, H. Derendorf
Microdialysis determination of free tissue concentrations of tazobactam and piperacillin administered alone and in combination
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

247. A. Suri, B.L. Grundy, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of analgesic effects of ibuprofen and flurbiprofen
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

248. R. Gonzalez-Rothi, S. Suarez, A. Lukyanov, H. Derendorf, H. Schreier, T. Dalla Costa, G. Hochhaus
Liposomes as a targeted drug delivery system to the lungs
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

249. S. Rohatagi, A. Bye, A. Mackie, H. Derendorf
Mathematical modeling of cortisol circadian rhythm and cortisol suppression
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

250. S. Rohatagi, G. Hochhaus, H. Derendorf
Optimizing dosing time of systemic corticosteroid administration using PK/PD modeling
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

251. S. Rohatagi, H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Receptor based integrated pharmacokinetic modeling of corticosteroids
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

252. S. Rohatagi, H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Pharmacokinetics and pharmacodynamics of cloprednol
Southeast Regional Meeting of the American Association of Pharmaceutical Scientists, Morrisville, June 1995

253. H. Derendorf, A. Nolting, T. Dalla Costa, K. Rand
Application of an E_{max}-model to evaluate the pharmacodynamics of antimicrobials
Satellite Symposium on Pharmacodynamics of Antimicrobials, Quebec City, July 1995.

254. A. Suri, B. Grundy, H. Derendorf
Intra- and interindividual variability in pharmacokinetics and pharmacodynamics of flurbiprofen and ibuprofen
24th Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1995.

255. S. Rohatagi, Y.L. Kan, H. Derendorf
Noncompartmental analysis of pharmacokinetic data after oral and intravenous administration
24th Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1995.

256. S. Rohatagi, U. Täuber, H. Derendorf
Pharmacokinetic and pharmacodynamic modeling of cortisol suppression after oral administration of fluocortolone
24th Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1995.

257. T. Dalla Costa, H. Derendorf
AUIC - a general target for the optimization of dosing regimens of antibiotics?
24th Annual Meeting of the American College of Clinical Pharmacology, Washington, September 1995.

258. H. Derendorf
Pharmacokinetics - today
Conference on Safe and Rational Use of Broad-Spectrum Antibiotics, San Francisco, September 1995.

259. R. Gonzalez-Rothi, S. Suarez, A. Lukyanov, H. Derendorf, H. Schreier, T. Dalla Costa, G. Hochhaus
Liposomes as a targeted drug delivery system to the lungs
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

260. A. Kovar, T. Dalla Costa, H. Derendorf
Determination of plasma and free tissue levels of ceftriaxone in rats using microdialysis
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

261. T. Dalla Costa, A. Nolting, A. Kovar, H. Derendorf
Microdialysis determination of free tissue concentrations of tazobactam and piperacillin administered alone and in combination
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

262. S. Rohatagi, A. Bye, A. Mackie, H. Derendorf
Mathematical modeling of cortisol circadian rhythm and cortisol suppression
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

263. S. Rohatagi, G. Hochhaus, H. Derendorf
Optimizing dosing time of systemic corticosteroid administration using PK/PD modeling
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

264. S. Rohatagi, H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Receptor based integrated pharmacokinetic and pharmacodynamic modeling of corticosteroids after single and multiple administration
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

265. A. Suri, B.L. Grundy, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of analgesic effect of ibuprofen and flurbiprofen
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

266. S. Rohatagi, H. Möllmann, J. Barth, G. Hochhaus, H. Derendorf
Pharmacokinetics and pharmacodynamics of cloprednol
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

267. A. Nolting, T. Dalla Costa, K. Rand, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of the antibacterial effects of piperacillin
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

268. P. Fröehlich, H. Möllmann, H. Derendorf, G. Hochhaus
Pharmacokinetic and pharmacodynamic modeling of budesonide after single and multiple oral administration
10th Annual Meeting of the American Association of Pharmaceutical Scientists, Miami, November 1995.

269. H. Derendorf
Tissue pharmacokinetics of beta-lactam antibiotics
Conference on Comparison of Beta-lactam Antibiotics, Munich, November 1995.

270. H. Derendorf, A. Nolting, T. Dalla Costa, K.Rand
Pharmacokinetic-pharmacodynamic modeling of the antibacterial effect of piperacillin in vitro
IBC International Conference on Pharmacokinetic/Pharmacodynamic Analysis, Washington, February 1996.

271. G. Hochhaus, S. Suarez, R. Gonzalez-Rothi, H. Derendorf, T. Dalla Costa
PK/PD based characterization of pulmonary targeting of glucocorticoids
IBC International Conference on Pharmacokinetic/Pharmacodynamic Analysis, Washington, February 1996.

272. S. Rohatagi, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Disposition and blood cell effects of prednisolone and methylprednisolone
97th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Orlando, March 1996.

273. H. Derendorf, T. Dalla Costa, A. Kovar, A. Nolting
Pharmacokinetic aspects of antiinfective therapy
6th Biennial Conference on Antiinfective Agents and Chemotherapy, Leipzig, May 1996.

274. H. Derendorf, A. Kovar
Significance of tissue concentrations of macrolides
6th Biennial Conference on Antiinfective Agents and Chemotherapy, Leipzig, May 1996.

275. H. Derendorf
Pharmacokinetic-pharmacodynmaic (PK/PD) relationships for antiinfective therapy
6th Biennial Conference on Antiinfective Agents and Chemotherapy, Leipzig, May 1996.

276. T. Dalla Costa, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of piperacillin-tazobactam combinations
6th Biennial Conference on Antiinfective Agents and Chemotherapy, Leipzig, May 1996.

277. A. Kovar, T. Dalla Costa, H. Derendorf
Comparison of plasma and free tissue levels of ceftriaxone in rats using microdialysis
6th Biennial Conference on Antiinfective Agents and Chemotherapy, Leipzig, May 1996.

278. H. Derendorf
Renal impairment and PK/PD relationships
Nephropharmacology 1996, Berlin, June 1996.

279. A. Kovar, T. Dalla Costa, A. Nolting, H. Derendorf
Comparison of plasma and free tissue levels of β-lactam antibiotics in rats using microdialysis
2nd International Symposium on Infection Models in Antimicrobial Chemotherapy, Reykjavik, July 1996.

280. H. Derendorf, A. Kovar, T. Dalla Costa, A. Nolting, K.H. Rand
Comparison of pharmacodynamic models to describe the activity of anti-infective drugs
2nd International Symposium on Infection Models in Antimicrobial Chemotherapy, Reykjavik, July 1996.

281. H. Derendorf, T. Dalla Costa
Effect of impaired renal function on the pharmacokinetics of piperacillin, tazobactam and its metabolite
VI World Conference on Clinical Pharmacology and Therapeutics, Buenos Aires, August 1996.

282. H. Derendorf, S. Rohatagi, G. Hochhaus, J. Barth, H. Möllmann
Receptor-based integrated pharmacokinetic and pharmacodynamic evaluation of corticosteroids
VI World Conference on Clinical Pharmacology and Therapeutics, Buenos Aires, August 1996.

283. J. Barth, H. Möllmann, A. Möllmann, M. Krieg, U. Bötel, G. Hochhaus, H. Derendorf
Ultra-high dosed methylprednisolone in acute spinal cord injury (SCI) - pharmacokinetics and effects on cortisol, potassium, glucose and blood cells
VI World Conference on Clinical Pharmacology and Therapeutics, Buenos Aires, August 1996.

284. T. Dalla Costa, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of piperacillin-tazobactam combinations
VI World Conference on Clinical Pharmacology and Therapeutics, Buenos Aires, August 1996.

285. H. Derendorf
Pharmacokinetic and pharmacodynamic evaluation of anti-infective agents
Workshop on Anti-infective Therapy, German Society of Hospital Pharmacy, Göppingen, September 1996.

286. H. Derendorf
Pharmacodynamic aspects of drug absorption
6th Annual Meeting of the German Society for Clinical Pharmacology and Therapeutics, Dresden, September 1996.

287. J. Barth, H. Möllmann, G. Lehr, T. Höhler, H. Derendorf, G. Hochhaus
Pharmacokinetics of prednicarbate after dermal, oral and pulmonary administration and monitoring of potential side effects
6th Annual Meeting of the German Society for Clinical Pharmacology and Therapeutics, Dresden, September 1996.

288. G. Hochhaus, R. Gonzalez-Rothi, H. Derendorf, H. Schreier, H. Möllmann
Pharmacokinetic/pharmacodynamic relationships relevant for optimizing the effect/risk ratios after topical administration - Pulmonary delivery as an example
6th Annual Meeting of the German Society for Clinical Pharmacology and Therapeutics, Dresden, September 1996.

289. H. Möllmann, G. Hochhaus, A. Tromm, A. Möllmann, H. Derendorf, J. Barth, P. Fröhlich, K.W. Ecker, A. Lindemann, M. Krieg
Serum and ileostoma liquid pharmacokinetics and the influence of food after oral administration of pH-modified-release capsules in healthy volunteers and ileostoma patients
6th Annual Meeting of the German Society for Clinical Pharmacology and Therapeutics, Dresden, September 1996.

290. A. Tromm, H. Möllmann, S. v. Heymann, J. Barth, B. May, G. Hochhaus, H. Derendorf
Pharmacokinetics and -dynamics after application of budesonide pH-modified-release capsules in patients with Crohn’s disease and healthy volunteers
6th Annual Meeting of the German Society for Clinical Pharmacology and Therapeutics, Dresden, September 1996.

291. H. Derendorf, A. Kovar, T. Dalla Costa
Pharmacokinetic/pharmacodynamic modelling of anti-infective activity
Third European Congress of Pharmaceutical Sciences, Edinburgh, September 1996.

292. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Modulation of lymphocyte count in blood by the circadian rhythm of endogenous cortisol
25th Annual Meeting of the American College of Clinical Pharmacology, Philadelphia, September 1996.

293. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Cumulative cortisol suppression as a measure of the systemic effect of inhaled corticosteroids
25th Annual Meeting of the American College of Clinical Pharmacology, Philadelphia, September 1996.

294. G. Hochhaus, H. Möllmann, M. Krieg, A. Möllmann, A. Tromm, H. Derendorf, J. Barth
Pharmacokinetic/pharmacodynamic evaluation of budesonide after oral delivery
25th Annual Meeting of the American College of Clinical Pharmacology, Philadelphia, September 1996.

295. H. Derendorf
PK-PD modeling in drug development
11th Annual Meeting of the American Association of Pharmaceutical Scientists, Seattle, October 1996.

296. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Circadian rhythm of lymphocytes in blood and its interrelation to endogenous cortisol
11th Annual Meeting of the American Association of Pharmaceutical Scientists, Seattle, October 1996.

297. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Quantification of cortisol suppression as a measure for the cumulative systemic effect of corticosteroids
11th Annual Meeting of the American Association of Pharmaceutical Scientists, Seattle, October 1996.

298. S. Rohatagi, H. Derendorf
Relationship of mean residence time and effective half life after oral and intravenous administration
11th Annual Meeting of the American Association of Pharmaceutical Scientists, Seattle, October 1996.

299. T. Dalla Costa, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of piperacillin-tazobactam combinations
11th Annual Meeting of the American Association of Pharmaceutical Scientists, Seattle, October 1996.

300. H. Derendorf, G. Hochhaus, B. Meibohm, H. Möllmann, J. Barth
Pharmacokinetics of inhaled glucocorticoids

Workshop on Inhaled Glucocorticosteroids, Brussels, January 1997.

301. H. Derendorf
PK/PD modeling of anti-infective drugs: Why MIC is poison for the mind
6th Annual Meeting of the Association for Applied Human Pharmacology, Neu-Ulm, February 1997.

302. H. Derendorf
Clinical PK/PD modeling as a tool in drug development of corticosteroids
6th Annual Meeting of the Association for Applied Human Pharmacology, Neu-Ulm, February 1997.

303. H. Derendorf
Changes in Pharmacy
ABDA Symposium, Königswinter, February 1997.

304. H. Derendorf, G. Hochhaus, B. Meibohm, H. Möllmann, J. Barth
Pharmacokinetics and Pharmacodynamics of Inhaled Corticosteroids
Landmark Symposium, London, February 1997.

305. B. Meibohm, G. Hochhaus, H. Derendorf
Time dependency of the pharmacologic response to glucocorticoids
98th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, San Diego, February 1997.

306. H. Derendorf
Pitfalls in tissue pharmacokinetics
Thirtieth Annual Higuchi Research Seminar, Lake Ozark, March 1997

307. M. Schwahn, P. Romeis, H. Derendorf, M. Herbst
Absolute bioavailability and dose proportionality of cetrorelix, a novel LH-RH-antagonist, in male and female albino Wistar rats
Annual Meeting of the German Pharmacological Society, Mainz, March 1997

308. H. Derendorf, G. Hochhaus, B. Meibohm, H. Möllmann, J. Barth
Pharmacokinetics and pharmacodynamics of soft corticosteroids for inhalation
1st Drug Optimization via Retrometabolism Conference, Amelia Island, May 1997.

309. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
PK/PD-modeling of the circadian rhythm of the lymphocyte count in blood modulated by endogenous cortisol
1st Drug Optimization via Retrometabolism Conference, Amelia Island, May 1997.

310. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
A PK/PD-approach to assess the systemic activity of inhaled corticosteroids as cumulative cortisol suppression
1st Drug Optimization via Retrometabolism Conference, Amelia Island, May 1997.

311. K.S. Estes, K. Dietzel, M.E. Brewster, N. Bodor, H. Derendorf
Rapid renal and biliary elimination of a redox-based chemical delivery system for estradiol in dogs
1st Drug Optimization via Retrometabolism Conference, Amelia Island, May 1997.

312. B. Meibohm, G. Hochhaus, H. Möllmann, J, Barth, H. Derendorf
Pharmacokinetic/pharmacodynamic (PK/PD) modeling of inhaled corticosteroids
17th Annual Meeting of the Graduate Research Association of Students in Pharmaceutics, Gainesville, June 1997.

313. E. Liang, H. Derendorf
A pitfall in the pharmacokinetics of oral multicompartment analysis
17th Annual Meeting of the Graduate Research Association of Students in Pharmaceutics, Gainesville, June 1997.

314. H. Derendorf
Pharmacokinetic and pharmacodynamic properties of inhaled corticosteroids in relation to efficacy and safety
Workshop on Targeting Drugs to the Lung, Bagshot, June 1997

315. H. Derendorf
Influence of drug absorption and protein binding on drug disposition and

pharmacodynamics
Residential School on Medicinal Chemistry ‘Designing Drugs with Optimal In-Vivo Activity After Oral Administration’, Princeton, July 1997.

316. H. Derendorf
Pharmacokinetics in neonates and geriatric patients
1st Uruguyan Congress of Biochemistry, Montevideo, September 1997.

317. S. Rohatagi, G. Hochhaus, A. Kovar, H. Derendorf
Algebraic solutions for nonlinear protein binding interactions
26th Annual Meeting of the American College of Clinical Pharmacology, Phoenix, October 1997.

318. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Advanced PK/PD-model for the modulation of lymphocyte count by glucocorticoids and endogenous cortisol
26th Annual Meeting of the American College of Clinical Pharmacology, Phoenix, October 1997.

319. B. Meibohm, G. Hochhaus, H. Möllmann. J. Barth, H. Derendorf
Predictive Power of PK/PD-modeling for inhaled corticosteroids
26th Annual Meeting of the American College of Clinical Pharmacology, Phoenix, October 1997.

320. J. Knoeller, K. Schiffer, H. Derendorf
Determination of salbutamol in human plasma using LC/MS/Ms
26th Annual Meeting of the American College of Clinical Pharmacology, Phoenix, October 1997.

321. M. Wagner, G. Hochhaus, R. Stöckmann, H. Derendorf, J. Barth, B. Meibohm, M. Krieg, H. Möllmann
Pharmacokinetics and pharmacodynamics after inhaled administration of flunisolide
XVI International Congress of Allergology & Clinical Immunology, Cancun, October 1997.

322. H. Möllmann, M. Wagner, R. Stöckmann, H. Derendorf, G. Hochhaus, B. Meibohm, J. Barth, M. Krieg
pharmacokinetic/pharmacodynamic evaluation after single-dose inhaled fluticasone propionate
XVI International Congress of Allergology & Clinical Immunology, Cancun, October 1997.

323. H, Möllmann, H. Derendorf, J. Barth, B. Meibohm, M. Wagner, M. Krieg, J. Knoeller, A. Möllmann, G. Hochhaus
Pharmacokinetic/pharmacodynamic evaluation of systemic effects of flunisolide after inhalation
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

324. G. Hochhaus, H. Derendorf, B. Meibohm
Pharmacokinetic/pharmacodynamic evaluation of systemic effects of inhaled glucocorticoids
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

325. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Chronopharmacology of cortisol suppression during inhaled corticosteroid therapy
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

326. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Absorption profiles of inhaled corticosteroids
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

327. E. Liang, H. Derendorf
Pitfalls in pharmacokinetic multi-compartment analysis
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

328. S. Rohatagi, H. Derendorf
Mathematical description of diurnal cortisol variation using a modified exponential model and characterization of cortisol suppression following corticosteroid administration using an induction model
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

329. U. Graefe, H. Derendorf, M. Veit
Urinary metabolites of flavonoids in humans after application of a crude extract from Equisetum arvense
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

330. D. Gravenstein, A. Suri, J. Koska, H. Derendorf
Influence of plasma expansion on plasma protein binding of ketorolac
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

331. G. Hochhaus, B. Meibohm, H. Möllmann, H. Derendorf, J. Barth, M. Wagner, M. Krieg, J. Knoeller
Pharmacokinetic/pharmacodynamic evaluation of systemic effects of budesonide after oral delivery
12th Annual Meeting of the American Association of Pharmaceutical Scientists, Boston, November 1997.

332. H. Derendorf
The role of pharmacokinetics and pharmacodynamics in drug discovery and development – future challenges for kineticists and applied mathematicians
1997 Biomedical Kinetics Workshop, Orlando, November 1997.

333. H. Derendorf
Pharmacokinetic-pharmacodynamic evaluation of inhalation products
Thirty-first Annual Higuchi Research Seminar, Lake Ozark, March 1998

334. H. Derendorf, R. Hermann, P. Romeis, M. Locher, Y. Schnaars, H. Riethmüller-Winzen, B. Pechstein
PK-PD modeling of cetrorelix effects on circadian testosterone production
99th Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, New Orleans, March 1998.

335. B. Meibohm, H. Derendorf, H. Möllmann, M. Wagner, P. Froehlich, G. Hochhaus
Physiologically based PK/PD-model for the interaction between endogenous and exogenous corticosteroids and lymphocytes
99th Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, New Orleans, March 1998.

336. H. Derendorf
Local pharmacokinetics of drugs in the lung
Respiratory Challenges ’98, Madrid, March 1998.

337. H. Derendorf, T. Dalla Costa, A. de la Peña
Tissue microdialysis of antibiotics
1st International Symposium on Microdialysis in Drug Research and Development, Noordwijkerhout, March 1998.

338. H. Derendorf
Pharmacokinetic-pharmacodynamic relationships of antibiotics
2nd European Congress of Chemotherapy, Hamburg, May 1998.

339. H. Derendorf
Pharmacists and Physicians – A joint way into the future
Meeting of the German Society of Hospital Pharmacists, Hannover, May 1998.

340. H. Derendorf
Pharmacokinetics/pharmacodynamics in drug development and drug registration
German Drug Regulatory Agency (BfArM), Berlin, May 1998.

341. H. Derendorf, B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, M. Wagner, M. Krieg, R. Stöckmann
Pharmacokinetic/pharmacodynamic modeling of cumulative cortisol suppression by inhaled corticosteroids

2nd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Paris, May 1998.

342. G. Hochhaus, H. Derendorf, B. Meibohm
Effect of clearance and volume of distribution on pulmonary targeting of inhaled corticosteroids
3rd International Symposium on Measurements and Kinetics of In Vivo Drug Effects, Noordwijkerhout, May 1998.

343. G. Hochhaus, B. Meibohm, J. Stark, H. Möllmann, H. Derendorf, M. Wagner
Interaction between endogenous and exogenous corticosteroids and blood lymphocytes: the buffering capacity of cortisol suppression
3rd International Symposium on Measurements and Kinetics of In Vivo Drug Effects, Noordwijkerhout, May 1998.

344. B. Meibohm, H. Derendorf, H. Möllmann, M. Wagner, G. Hochhaus
Mechanism-based PK/PD-model for the interaction between endogenous and exogenous corticosteroids and blood lymphocytes
3rd International Symposium on Measurements and Kinetics of In Vivo Drug Effects, Noordwijkerhout, May 1998.

345. B. Meibohm, G. Hochhaus, H. Möllmann, J. Barth, H. Derendorf
Chronopharmacological aspects in cortisol suppression during inhaled corticosteroid therapy
3rd International Symposium on Measurements and Kinetics of In Vivo Drug Effects, Noordwijkerhout, May 1998.

346. A. Nolting, T. Dalla Costa, K. Rand, H. Derendorf
Pharmacokinetic-pharmacodynamic model of the antibacterial effects of piperacillin
3rd International Symposium on Measurements and Kinetics of In Vivo Drug Effects, Noordwijkerhout, May 1998.

347. T. Dalla Costa, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of piperacillin-tazobactam combinations
3rd International Symposium on Measurements and Kinetics of In Vivo Drug Effects, Noordwijkerhout, May 1998.

348. H. Derendorf
Evaluation and optimization of inhaled corticosteroids
Asthma & Allergy Conference, Baltimore, June 1998.

349. H. Derendorf
Pharmacokinetics of inhaled corticosteroids
Workshop on Asthma and Inflammation, Hamburg, June 1998.

350. H. Derendorf
Linked Pharmacokinetic-pharmacodynamic models
4th International Workshop on the Pharmacodynamics of Anticancer Agents, Dunkeld, August 1998.

351. H. Derendorf
Pharmacokinetics of second-generation antihistamines
57th Annual Meeting of the American Academy of Otolaryngic Allergy, San Antonio, September 1998.

352. G. Hochhaus, B. Meibohm, A. Tromm, H. Derendorf, J. Stark, J. Barth, H. Möllmann, M. Wagner, M. Krieg, S. Homrighausen, A. Möllmann
Interaction between endogenous and exogenous corticosteroids and blood lymphocytes: the buffering capacity of cortisol suppression
27th Annual Meeting of the American College of Clinical Pharmacology, Toronto, October 1998.

353. H. Derendorf
Applied pharmacokinetics in intensive care patients
German Surgical Society, Frankfurt, October 1998.

354. H. Derendorf
Perspectives of Clinical Pharmacy in Research and Practice
Annual Meeting of the German Pharmaceutical Society, Tübingen, November 1998.

315. H. Derendorf
The role of the pharmacist in the OTC market: A comparison of Germany and the USA
12th Annual Pharmacy Management Conference, Munich, November 1998.

316. H. Derendorf
The role of pharmacokinetic-pharmacodynamic modeling in drug development
Wolfgang A. Ritschel Symposium, Cincinnati, November 1998.

317. N.V. Nagaraja, B. Pechstein, R. Herrmann, P. Romeis, M. Locher, Y. Schnaars, H. Riethmüller-Winzen, H. Derendorf
PK-PD modeling of cetrorelix effects on circadian rhythm of testosterone release
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

358. T. Dalla Costa, A. de la Peña, A. Nolting, A. Kovar, H. Derendorf
Determination of unbound tissue concentrations of antibiotics by microdialysis
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

359. H. Derendorf, A. de la Peña, T. Dalla Costa
PK/PD approaches in antibiotic drug evaluation
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

360. A. de la Peña, H. Derendorf
HPLC method with UV detection for the quantification of cefaclor in biological samples
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

361. N.V. Nagaraja, Y.J. Park, H. Cha, C.D. Sands, H. Derendorf
Population pharmacokinetics of digoxin in Korean patients
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

362. A. de la Peña, T. Dalla Costa, A.I. Webb, H. Derendorf
Measurement of unbound tissue concentrations of antibiotics by microdialysis
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

363. A. de la Peña, A. Gräbe, M. Cheok, O. Abbas, K.H. Rand, H. Derendorf
Instability of cefaclor in different bacterial growth media
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

364. S. Krishnaswami, M. Wolzt, C. Mensik, H. Eichler, L. Schmetterer, B. Mayer, H. Derendorf
Pharmacokinetic-pharmacodynamic profile of systemic nitric oxide-synthase inhibition by L-NMMA in humans
13th Annual Meeting of the American Association of Pharmaceutical Scientists, San Francisco, November 1998.

365. H. Derendorf
Pharmacokinetics and pharmacodynamics of inhaled corticosteroids as basis of rational therapy
Pharmaceutical Care – Consultation by Hospital Pharmacists in Clinical Therapy, Hamburg, November 1998.

366. M. Wagner, G. Hochhaus, H. Möllmann, A. Möllmann, M. Krieg, H. Derendorf
Duration of pulmonary efficacy after inhalation of fluticasone propionate
171st Annual Meeting of the Society of Internal Medicine, Düsseldorf, November 1998.

367. M. Wagner, M. Kölsch, H. Dimova, A. Möllmann, G. Hochhaus, H. Derendorf, H.D. Tauschel, B. May, A. Tromm, H. Möllmann
Rectal administration of budesonide foam: A therapeutic advance?
171st Annual Meeting of the Society of Internal Medicine, Düsseldorf, November 1998.

368. S. Homrighausen, M. Wagner, H. Möllmann, A. Möllmann, J. Barth, M. Krieg, H. Derendorf, A. Tromm, G. Hochhaus

Food effect on the pharmacokinetics and systemic effects of a budesonide ph-modified release capsule
171st Annual Meeting of the Society of Internal Medicine, Düsseldorf, November 1998.

369. H. Derendorf
PK/PD modeling as a tool in drug development
AAPS Indianapolis/Cincinnati Discussion Group, January 1999.

370. H. Derendorf, W. Colburn
Accelaration of clinical drug development by the use of PK/PD modeling
Annual Meeting of the Society of Applied Human Pharmacology, Heidelberg, February 1999.

371. H. Derendorf
Review of current 'in vivo' dose measurement techniques
International Respiratory Forum, London, February 1999.

372. H. Derendorf
The expanded role of PK/PD in drug development in the 21st century
100th Annual meeting of the American Society for Clinical Pharmacology and Therapeutics, San Antonio, March 1999.

373. H. Derendorf
Pharmacokinetic-pharmacodynamic approach to evaluate antiinfective therapy
9th European Congress of Clinical Microbiology and Infectious Diseases, Berlin, March 1999.

374. H. Derendorf
Determination of free tissue levels of antiinfective agents using microdialysis
Delaware Valley Drug Metabolism Discussion Group, Philadelphia, April 1999.

375. H. Derendorf, G. Hochhaus, S. Krishnaswami, H. Möllmann
Optimized therapeutic ratio of inhaled corticosteroids using retrometabolism
2nd Retrometabolism Based Drug Design and Targeting Conference, Amelia Island, May 1999.

376. H. Derendorf
Pharmacokinetics of antihistamines
Cleveland Allergy Group, Cleveland, May 1999.

377. H. Derendorf
Pharmacokinetic methods of assessing lung deposition
12th International Congress of the International Society for Aerosols in Medicine, Vienna, June 1999.

378. H. Derendorf
Pharmacodynamic models to predict anti-infective activity
21st International Congress of Chemotherapy, Brimingham, July 1999.

379. H. Derendorf
Correlation of pharmacokinetics and pharmacodynamics
2nd Rostock Antibiotic Days, Rostock, September 1999.

380. H. Derendorf
Dose adjustment in impaired renal and hepatic function
2nd Rostock Antibiotic Days, Rostock, September 1999.

381. H. Möllmann, M. Wagner, A. Möllmann, H. Dimova, Y. Tang, A. Tromm, H.D. Tauschel, M. Krieg, H. Weisser, H. Derendorf, G. Hochhaus
Pharmacokinetics/pharmacodynamics of budesonide after single and multiple dosing
28th Annual Meeting of the American College of Clinical Pharmacology, Rockville, September 1999.

382. M. Wagner, G. Hochhaus, H. Derendorf, S. Krishnaswami, Y. Tang, A. Möllmann, M. Krieg, H. Möllmann
Pharmacokinetics of fluticasone propionate (FP) after single and bidaily inhaled administration over five days
28th Annual Meeting of the American College of Clinical Pharmacology, Rockville, September 1999.

383. H. Derendorf
Antimicrobial Therapy Pharmacokinetics/Pharmacodynamics
39th ICAAC, San Francisco, September 1999.

384. H. Derendorf
Protein binding: myths and facts
6th International Symposium of the International Society of Anti-Infective Pharmacology, San Francisco, September 1999.

385. E.U. Graefe, J. Wittig, B. Drewelow, A. Riethling, S. Mueller, I. Wukasch, H. Derendorf, M. Veit
Relative systemic availability of the flavonoids quercetin and rutin in humans
Annual Meeting of the German Pharmaceutical Society, Frankfurt, September 1999.

386. H. Derendorf
Evaluation/assessment of anti-infectives in research and practice
28th European Symposium on Clinical Pharmacy, Berlin, October 1999.

387. H. Derendorf
Pharmacokinetics of essential fatty acids
1st Conference on The essential Fatty Acid Balance, Miami, Ocotber 1999.

388. S. Werner, J. Stark, H. Möllmann, S. Homrighausen, H. Derendorf, G. Hochhaus, M. Krieg
Pharmacokinetics/pharmacodynamic modeling of lymphocyte subpopulations after oral budesonide administration
14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

389. C. Rojas, N. Nagaraja, H. Derendorf
In vitro recovery of triamcinolone acetonide in microdialysis
14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

390. A. de la Peña, T. Dalla Costa, J.D. Talton, A.I. Webb, E. Rehak, U. Thyroff-Friesinger, H. Derendorf
Plasma and tissue concentrations of cefaclor in rats
14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

391. A. de la Peña, M. Müller, H. Eichler, E. Rehak, U. Thyroff-Friesinger, H. Derendorf
Plasma and tissue concentrations of cefaclor in humans
14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

392. N.V. Nagaraja, B. Pechstein, H. Derendorf
A model for suppression of LH and delay in LH surge by cetrorelix in women
14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

393. N.V. Nagaraja, B. Pechstein, R. Herrmann, P. Romeis, M. Locher, H. Derendorf
PK-PD modeling of testosterone and luteinizing hormone supopression by cetrorelix in healthy volunteers
14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

394. S. Krishnaswami, H. Möllmann, G. Hochhaus, M. Wagner, R. Stöckmann, H. Derendorf
Pharmacokinetics of fluticasone propionate after single and multiple inhalations
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395. S. Krishnaswami, H. Möllmann, H. Derendorf. G. Hochhaus
Determination of fluticasone propionate in human plasma by liquid chromatography-tandem mass spectrometry
14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

396. A. Kovar, T. Drave, D.E. de Vries, H. Derendorf
Pharmacokinetic/pharmacodynamic evaluation of eniporide

14th Annual Meeting of the American Association of Pharmaceutical Scientists, New Orleans, November 1999.

397. H. Derendorf
Value of pharmacodynamic endpoints: Quantifiability, statistical power, and clinical relevance
AAPS Workshop on Drug-Drug and Drug-Food Interactions, Arlington, December 1999.

398. H. Derendorf
Clinical pharmacokinetics – specific applications in critically ill patients
Pharma Hospital 2000 – Rational Drug Therapy in Critically Ill Patients, Sulzbach, February 2000.

399. H. Derendorf, A. de la Peña
Pharmacokinetics and pharmacodynamics of betalactam antibiotics in patients with renal impairment
8th Biennial Conference on Antiinfective Agents and Chemotherapy, Munich, March 2000.

400. H. Derendorf, A. de la Peña
Determination of active drug levels at the site of infection
8th Biennial Conference on Antiinfective Agents and Chemotherapy, Munich, March 2000.

401. H. Derendorf, P. Liu
The clinical relevance of the pharmacokinetic properties of cefpodoxime – a new approach
8th Biennial Conference on Antiinfective Agents and Chemotherapy, Munich, March 2000.

402. H. Derendorf, A. de la Peña
Protein binding – myths and facts
8th Biennial Conference on Antiinfective Agents and Chemotherapy, Munich, March 2000.

403. H. Derendorf
Pharmacokinetics and systemic exposure of inhaled corticosteroids
Inhaled Corticossteroids Relative Potency Workshop, Toronto, May 2000.

404. H. Derendorf
The basic concepts of pharmacokinetics
10th European Congress of Clinical Microbiology and Infectious Diseases, Stockholm, May 2000.

405. H. Derendorf
General concepts of pharmacodynamics
10th European Congress of Clinical Microbiology and Infectious Diseases, Stockholm, May 2000.

406. H. Derendorf
General concepts of PK/PD modeling
10th European Congress of Clinical Microbiology and Infectious Diseases, Stockholm, May 2000.

407. H. Derendorf
PK/PD evaluation of antibiotics using microdialysis
2nd International Symposium on Microdialysis in Drug Research and Development, Stockholm, June 2000.

408. A. de la Peña, T. Dalla Costa, J. Talton, P. Liu, A. Webb, H. Derendorf
Microdialysis of beta-lactam antibiotics in rat muscle and lung
2nd International Symposium on Microdialysis in Drug Research and Development, Stockholm, June 2000.

409. H. Derendorf
Pharmacy Curriculum at the University of Florida
2nd Workshop for Education in Clinical Pharmacy, Bonn, June 2000.

410. H. Derendorf
Clinical Pharmacy - a field for all pharmacists
Workshop of the Westphalian Chamber of Pharmacy, Münster, June 2000.

411. N.V. Nagaraja, B. Pechstein, K. Erb, M. Locher, R. Hermann, H. Derendorf
A PK/PD model for suppression of LH and delay in LH surge by cetrorelix in women
VII World Conference on Clinical Pharmacology and Therapeutics, Florence, July 2000.

412. H. Derendorf
Pharmacokinetics and drug interactions
XVI Latinamerican Congress of Pharmacology, Aguas de Lindoia, September 2000.

413. H. Derendorf
The general concepts of pharmacokinetics
40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, September 2000.

414. H. Derendorf
Microdialysis, protein binding and general concepts of pharmacodynamics
40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, September 2000.

415. H. Derendorf
General concepts of PK/PD modeling
40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, September 2000.

416. M. Kurowski, J. Barrett, E. Waalberg, N.V. Nagaraja, H. Derendorf, H. Wiltshire
Oral oseltamivir rapidly delivers active drug levels to middle ear and sinuses in humans
40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, September 2000.

417. H. Derendorf
The significance of antimicrobial concentrations in extravascular sites
40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, September 2000.

418. H. Derendorf
Pharmacokinetics vs. pharmacodynamics: Which is more relevant in the 21st century?
29th Annual Meeting of the American College of Clinical Pharmacology, Chicago, September 2000.

419. H. Derendorf
Topical and systemic effects after pulmonar administration
Annual Meeting of the German Pharmaceutical Association, Münster, October 2000.

420. H. Derendorf
Contribution of pharmacokinetics and pharmacodynamics to drug development
Annual Meeting of the German Pharmaceutical Association, Münster, October 2000.

421. H. Derendorf
Integration of preclinical data into early clinical drug development
2nd Annual Congress for Clinical Pharmacology, Berlin, October 2000.

422. H. Derendorf
Pharmacokinetics and bioavailability of phytopharmaceuticals
3rd International Congress on Phytomedicine, Munich, October 2000.

423. S. Krishnaswami, G. Hochhaus, H. Möllmann, M. Wagner, R. Stöckmann, H. Derendorf
Pharmacokinetic/pharmacodynamic modeling of inhaled fluticasone propionate
15th Annual Meeting of the American Association of Pharmaceutical Scientists, Indianapolis, November 2000.

424. A. de la Peña, T. Dalla Costa, J.D. Talton, A.I. Webb, M Müller, K. Rand, H. Derendorf
Microdialysis and bacterial kill curves as tools in pharmacokinetic/pharmacodynamic modeling of antibiotics
15th Annual Meeting of the American Association of Pharmaceutical Scientists, Indianapolis, November 2000.

425. J.G. Stark, H. Derendorf, H. Möllmann, G. Hochhaus
Interplay of endogenous and exogenous corticosteroids and the effects on blood

lymphocytes
15th Annual Meeting of the American Association of Pharmaceutical Scientists, Indianapolis, November 2000.

426. H. Derendorf
Pharmacokinetics in critical care patients
Workshop on Rational Drug Therapy in Critical Care Patients, Frankfurt, November 2000.

427. H. Derendorf
Significance of pharmacokinetics and pharmacodynamics for anti-infectious therapy
3rd Workshop on Infections in Neutropenia, Bonn, November 2000.

428. N.V. Nagaraja, B. Pechstein, K. Erb, C. Klipping, R. Hermann, M. Locher, H. Derendorf
Pharmacokinetic/pharmacodynamic modeling of LH suppression and LH surge delay by cetrorelix after single and multiple doses in healthy premenopausal women
Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Orlando, March 2001.

429. H. Derendorf
Optimizing oral delivery: PK and PD
Strategies for Oral Drug Delivery, Garmisch-Partenkirchen, March 2001.

430. H. Derendorf
PK/PD as a tool in clinical drug development
Pharmaceutical Congress of the Americas, Orlando, March 2001.

431. C. Rojas, N.V. Nagaraja, H. Derendorf
In vivo recovery of triamcinolone acetonide in microdialysis
Pharmaceutical Congress of the Americas, Orlando, March 2001.

432. P.E. Fröehlich, H. Derendorf, G. Hochhaus, B. Meibohm, H. Möllmann
Pharmacokinetic/pharmacodynamic modeling of budesonide after oral administration in single and multiple doses
Pharmaceutical Congress of the Americas, Orlando, March 2001.

433. J.G. Stark, H. Derendorf, H. Möllmann, G. Hochhaus
The influence of administration time on the systemic effects observed during corticosteroid therapy
Pharmaceutical Congress of the Americas, Orlando, March 2001.

434. H. Derendorf
Can we predict therapeutic failure with pharmacodynamic models?
16th International Course on Chemotherapy, Bratislava, May 2001.

435. H. Derendorf
The role of the pharmacist in the new century
Pharmacy Strategic Economic Forum, Oberhausen, May 2001.

436. H. Derendorf
Basic concepts of pharmacokinetics and pharmacodynamics
33rd Annual Meeting of the German Society for Internal Emergency Medicine, Halle, June 2001.

437. H. Derendorf
Interstitial tissue concentrations of cefpodoxime in humans
22nd International Congress of Chemotherapy, Amsterdam, July 2001.

438. H. Derendorf
Rational dosing: The use of plasma concentrations versus tissue concentrations
ISAP Symposium: Developments in PK/PD: Optimizing Efficacy and Prevention of Resistance, Nijmegen, July 2001.

439. E.S. El Desoky, N.V. Nagaraja, M.S. Abdel-Rahman, S. El Din Amry, H. Derendorf
Population pharmacokinetics of digoxin in Egyptian pediatric patients
7th International Congress on Therapeutic Drug Monitoring and Clinical Toxicology, Washington, September 2001.

440. H. Derendorf
Innovations in antibiotics therapy
4th Antibiotics Conference, Rostock, September 2001.

441. H. Derendorf
Pharmacodynamics in the elderly
16th Annual Meeting of the American Association of Pharmaceutical Scientists, Denver, October 2001.

442. H. Derendorf
PK/PD-based development of modified-release dosage forms of established drugs as an alternative to clinical efficacy testing
16th Annual Meeting of the American Association of Pharmaceutical Scientists, Denver, October 2001.

443. H. Derendorf
Microdialysis-based PK/PD-approaches in antimicrobial drug development
16th Annual Meeting of the American Association of Pharmaceutical Scientists, Denver, October 2001.

444. A. Buchwald, W. Wu, N.V. Nagaraja, H. Derendorf, N. Bodor
The rationale of soft drug design confirmed by pharmacokinetic and pharmacodynamic results on soft-cannabinoid analogs
16th Annual Meeting of the American Association of Pharmaceutical Scientists, Denver, October 2001.

445. J. Kurz, N.V. Nagaraja, S. Balbach, J. Barth, R. Schumann, G. Hochhaus, H. Möllmann, H. Derendorf
Population pharmacokinetics of methylprednisolone in patients with acute spinal cord injury
16th Annual Meeting of the American Association of Pharmaceutical Scientists, Denver, October 2001.

446. P. Liu, A. Webb, H. Derendorf
Tissue penetration of cefpodoxime measured by microdialysis
16th Annual Meeting of the American Association of Pharmaceutical Scientists, Denver, October 2001.

447. H. Derendorf
Pharmacokinetics and pharmacodynamics in the elderly
ABDA Symposium Gesünder länger leben, Frankfurt, November 2001.

448. H. Derendorf
Collaboration of Clinical Pharmacy and Clinical Pharmacology
3rd Annual Conference of Clinical Pharmacology, Cologne, November 2001.

449. H. Derendorf
Microdialysis for PK/PD-studies
3rd Annual Conference of Clinical Pharmacology, Cologne, November 2001.

450. H. Derendorf
The general concepts of pharmacokinetics and pharmacodynamics
ISAP Workshop at the 41st Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, December 2001.

451. H. Derendorf
The general concepts of PK/PD modeling
ISAP Workshop at the 41st Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, December 2001.

452. A. Khunvichai, M. Hirt, M. Karmann, L. Joliff, K. Rand, H. Derendorf
A novel indirect response pharmacokinetic/pharmacodynamic model to characterize the effect of faropenem on Streptococcus pneumoniae and Haemophilus influenzae
41st Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, December 2001.

453. K. Erb, N.V. Nagaraja, B. Pechstein, C. Klipping, R. Hermann, H. Derendorf
PK/PD modeling of hormone effects by cetrorelix
Annual Meeting of the Association for Applied Human Pharmacology, Garmisch-Partenkirchen, January 2002.

454. H. Derendorf
What constitutes the ideal inhaled corticosteroid?
Current Ststus of Inhaled Corticosteroids for Asthma, New York, February 2002.

455. H. Derendorf
Optimizing oral drug delivery: Pharmacokinetics and pharmacodynamics
Strategies for Oral Drug Delivery, Lake Tahoe, March 2002.

456. H. Derendorf, V.A. Bhattaram, S. Boettcher, J. Dasenbrock, T. Machnig, T. Peters, A. Kovar, N.V. Nagaraja
Population pharmacokinetics of eniporide and its emtabolite in healthy volunteers and patients
Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Atlanta, March 2002.

457. H. Derendorf
PK/PD modelling of anti-Infectives
Fourth International Symposium on Measurement and Kinetics of In Vivo Drug Effects, Noordwijkerhout, April 2002.

458. H. Derendorf
New aspects for the evaluation of antibiotics
Workshop Clinical Pharmacy, Munich, May 2002.

459. H. Derendorf, H. Möllmann
Are all steroids alike?
Workshop Clinical Pharmacy, Munich, May 2002.

460. H. Derendorf
Pharmacokinetics and pharmacodynamics of anti-infective drugs
Annual Meeting of the Slovak Society of Chemotherapy, Bratislava, May 2002.

461. H. Derendorf
New insights into inhaled corticosteroids
2002 American Thoracic Society Annual Meeting, Atlanta, May 2002.

462. H. Derendorf
Integrating preclinical data into the clinical phase of the drug development process
AAPS Workshop on Exposure Response Relationships, Arlington, June 2002.

463. S. Rohatagi, H. Derendorf, K. Zech
Risk-benefit value of inhaled corticosteroids: A pharmacokinetic/pharmacodynamic perspective
45th Annual Thomas L.Petty Lung Conference, Aspen, June 2002.

464. P. Liu, M. Müller, M. Grant, A.I. Webb, B. Obermann, H. Derendorf
Interstitial tissue concentrations of cefpodoxime using microdialysis
3rd International Symposium on Microdialysis in Drug Research & Development, Minneapolis, June 2002.

465. V. Schuck, M. Müller, M. Grant, G. Hochhaus, H. Derendorf
Use of microdialysis to evaluate dexamethasone tissue distribution
3rd International Symposium on Microdialysis in Drug Research & Development, Minneapolis, June 2002.

466. H. Derendorf
Biomarkers and PK/PD Modeling
AAPS NAtional Biotechnology Conference, San Diego, June 2002.

467. R.P.E. Yanong, E.W. Curtis, V.A. Bhattaram, M. Gopalakrishnan, N. Ketabi, N.V. Nagaraja, H. Derendorf, R. Simmons
Single-dose pharmacokinetics of florfenicol in Koi (Cyprinus carpio) and Gourami (Trichogaster trichopterus)
4th International Symposium on Aquatic Animal Health, New Orleans, September 2002.

468. H. Derendorf
Pharmacokinetic-pharmacodynamic modeling in oncology
Meeting of the Austrian Society of Oncology Pharmacy, Vienna, September 2002.

469. P. Liu, M. Müller, M. Grant, K. Rand, H. Derendorf
Pharmacokinetics and pharmacodynamics of cefpodoxime and cefixime
31st Annual Meeting of the American College of Clinical Pharmacology, San Francisco, September 2002.

470. V.A. Bhattaram, C. deMey, H. Stammer, C. Beichl, K. Erb, R. Beise, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of ACE inhibition by a modified release captopril formulation based on total and free concentrations
31st Annual Meeting of the American College of Clinical Pharmacology, San Francisco, September 2002.

471. H. Derendorf
Pharmacokinetics of beta-lactam inhibitors
ICAAC Wyeth Symposium on Therapy of Nosocomial Infections, San Diego, September 2002.

472. H. Derendorf
The general concepts of pharmacokinetics and pharmacodynamics
ISAP Workshop at the 42nd Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, September 2002.

473. H. Derendorf
The general concepts of PK/PD modeling
ISAP Workshop at the 42nd Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, September 2002.

474. E.L. Schuck, A. Dalhoff, H. Stass, H. Derendorf
Pharmacokinetic-pharmacodynamic (PK/PD) evaluation of a once-daily treatment using ciprofloxacin in an extended-release dosge form
42nd Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, September 2002.

475. H. Derendorf
Are all corticosteroids alike?
57th Annual Meeting of the Southeastern Allergy, Asthma and Immunology Society, Sea Island, October 2002.

476. S. Wittemer, M. Ploch, T. Windeck, S. Müller, B. Drewelow, H. Derendorf, M. Veit
Bioavailability of caffeoylquinic acids and flavonoids in humans after application of two different artichocke leaf extracts
Annual Meeting of the German Pharmaceutical Society, Berlin , October 2002.

477. E.L. Schuck, V.A. Bhattaram, H. Derendorf
Antibiotic therapy during space flights: A disaster bound to happen? Use of Monte Carlo Simulations to evaluate 1G recommended dosing regimens of ciprofloxacin in microgravity
International Head-Out Water Immersion Symposium, Houston, October 2002.

478. H. Derendorf
Relevance of protein binding and lung activation for inhaled corticosteroids
Inhaled Corticosteroids in Asthma Maangement, Cannes, November 2002.

479. A. Khunvichai, M. Hirt, M. KArmann, k. Rand, H. Derendorf
A novel indirect response PK-PD model to characterize the effect of faropenem on Streptococcus pneumoniae and Hemophilus influenzae
Globalization of Pharmaceutics Education Network Meeting, Ann Arbor, November 2002.

480. J. Kurz, V.A. Bhattaram, H. Derendorf
Predictions of dose-dependent pharmacokinetics of prednisolone
Globalization of Pharmaceutics Education Network Meeting, Ann Arbor, November 2002.

481. P. Liu, M. Müller, M. Grant, K. Rand, H. Derendorf
Pharmacokinetics and pharmacodynamics of cefpodoxime and cefixime
Globalization of Pharmaceutics Education Network Meeting, Ann Arbor, November 2002.

482. Q. Liu, N. Lamberty, S. Hintze, K. Rand, H. Derendorf
In vitro pharmacodynamic modeling of ceftriaxone

Globalization of Pharmaceutics Education Network Meeting, Ann Arbor, November 2002.

483. V.A. Schuck, M. Müller, M. Grant, G. Hochhaus, H. Derendorf
Use of microdialysis to evaluate dexamethasone tissue distribution after oral and topical administration
Globalization of Pharmaceutics Education Network Meeting, Ann Arbor, November 2002.

484. J. Kurz, V.A. Bhattaram, H. Derendorf
Predictions of dose-dependent pharmacokinetics of prednisolone
2002 AAPS Annual Meeting and Exposition, Toronto, November 2002.

485. V.A. Schuck, M. Müller, M. Grant, G. Hochhaus, H. Derendorf
Use of microdialysis to evaluate dexamethasone tissue distribution after oral and topical administration
2002 AAPS Annual Meeting and Exposition, Toronto, November 2002.

486. V.A. Bhattaram, R.P.E. Yanong, E. Curtis, N. Ketabi, M. Gopalakrishnan, N.V. Nagaraja, H. Derendorf
Single dose pharmacokinetic studies of florfenicol in Koi (Cyprinus carpio) and Blue Gouramis (Trichogaster trichopterus)
2002 AAPS Annual Meeting and Exposition, Toronto, November 2002.

487. V.A. Bhattaram, A.L. Shroads, G.N. Henderson, A.D. Hutson, S. Krishna, G. Bedo-Addo, A. Owusu-Ofori, N.V. Nagaraja, T. Planche, T. Agbenyega, D. Ansong, H. Derendorf, P.W. Stacpoole
Population kinetics-dynamics, efficacy and safety of dichloroacetate for lactic acidosis due to severe malaria
2002 AAPS Annual Meeting and Exposition, Toronto, November 2002.

488. P. Liu, M. Grant, M. Müller, K. Rand, H. Derendorf
Pharmacokinetics and pharmacodynamics of cefpodoxime and cefixime
2002 AAPS Annual Meeting and Exposition, Toronto, November 2002.

489. Q. Liu, N. Lamberty, S. Hintze, K. Rand, H. Derendorf
In vitro pharmacodynamic modeling of ceftriaxone
2002 AAPS Annual Meeting and Exposition, Toronto, November 2002.

490. A. Khunvichai, M. Hirt, M. Karmann, K. Rand, H. Derendorf
A novel indirect response PK-PD model to characterize the effect of faropenem on Streptococcus pneumoniae and Hemophilus influenzae
2002 AAPS Annual Meeting and Exposition, Toronto, November 2002.

491. H. Derendorf
Integrating preclinical data into clinical phases of drug development
EUFEPS Conference on Optimising Drug Development, Basel, December 2002.

492. H. Derendorf
Biomarkers and PK/PD Modelling
Conference on Innovative Strategies for Achieving Clinical Proof-of-Concept, Phoenix, January 2003.

493. E.L. Schuck, A. Dalhoff, H. Stass, H. Derendorf
Pharmacokinetic-pharmacodynamic (PK/PD) evaluation of a once-daily treatment using ciprofloxacin in an extended-release dosge form
Hot Topics in Urinary Tract Infections, Budapest, January 2003.

494. S. Rohatagi, H. Derendorf, K. Zech, R. Nave, D. Banerji
PK/PD of Inhaled Corticosteroids: The Risk/Benefit of Inhaled Ciclesonide
60th Anniversary Meeting of AAAAI, Denver, March 2003.

495. H. Derendorf, H. Möllmann
Are all steroids alike?
Garmisch Drug Forum, Garmisch-Partenkirchen, April 2003.

496. H. Derendorf
Microdialysis in drug development
Health Care Forum NRW, Cologne, April 2003.

497. H. Derendorf
The general concepts of pharmacokinetics and pharmacodynamics
13th European Congress of Clinical Microbiology and Infectious Diseases, Glasgow, May 2003.

498. H. Derendorf
Kill curve analysis
13th European Congress of Clinical Microbiology and Infectious Diseases, Glasgow, May 2003.

499. H. Derendorf
Clinical pharmacokinetic monitoring
4th Spring Conference on Clinical Pharmacy, Lisbon, May 2003.

500. H. Derendorf
Redirecting our attention to the PK/PD profile: Relevance in clinical practice
XXII Congress of the European Academy of Allergology and Clinical Immunology, Paris, June 2003.

501. H. Derendorf
Modelling of anti-infective drugs
10th Scientific Meeting of the European Society of Chemotherapy
Vienna, June 2003.

502. H. Derendorf
PK/PD of ICS therapy and the clinical implications
MST Asthma Educational Session, Baltimore, August 2003.

503. E.S. El Desoky, V.A. Bhattaram, S. El Din Amry, H. Derendorf
Population analysis of intravenous digoxin therapy in pediatric patients
8th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology, Basle, September 2003.

504. H. Derendorf
MIC indices or kill curve analysis. Pro and cons.
Workhop on Predicitve Value of PK/PD Models of Antimicrobial Drugs, Leiden, September 2003.

505. H. Derendorf
New methods to investigate the antibacterial efficacy of antibiotics
Workshop on Antibiotic Therapy of Ambulatory Acquired Pulmonary Infections, Zurich, September 2003.

506. H. Derendorf
The general concepts of pharmacokinetics and pharmacodynamics
43rd Annual ICAAC, Chicago, September 2003.

507. H. Derendorf
Kill curve analysis
43rd Annual ICAAC, Chicago, September 2003.

508. H. Derendorf
New developments in tissue pharmacokinetics
43rd Annual ICAAC, Chicago, September 2003.

509. Q. Liu, K.H. Rand, H. Derendorf
Impact of tazobactam pharmacokinetics on the antimicrobial effect of piperacillin-tazobactam combinations
43rd Annual ICAAC, Chicago, September 2003

510. E.L. Schuck, A. Dalhoff, H. Stass, H. Derendorf
Modeling the biphasic killing kinetics of ciprofloxacin
12th ISAP International Symposium, Chicago, September 2003.

511. Q. Liu, K. Rand, H. Derendorf
PK/PD Modeling of antiinfective activity and resistance
12th ISAP International Symposium, Chicago, September 2003.

512. Q. Liu, K. Rand, H. Derendorf
Impact of tazobactam pharmacokinetics on the antimicrobial effect of piperacillin-

tazobactam combinations
12th ISAP International Symposium, Chicago, September 2003.

513. H. Derendorf
Seeking to improve the benefit-risk ratio of inhaled steroids
Child & Adolescent Asthma – Current & Future Management, Chicago, September 2003.

514. H. Derendorf
New developments in the area of inhaled glucocorticoids
32nd Annual Meeting of the American College of Clinical Pharmacology, Tampa, September 2003.

515. H. Derendorf
Pharmacokinetics of natural products
32nd Annual Meeting of the American College of Clinical Pharmacology, Tampa, September 2003.

516. J. Winkler, V.A. Bhattaram, H. Derendorf
Predictions of dose-dependent pharmacokinetics and pharmacodynamics of prednisolone
32nd Annual Meeting of the American College of Clinical Pharmacology, Tampa, September 2003.

517. A. Khunvichai, M. Karmann, M. Hirt, L. Joliffe, H. Derendorf
Pharmacokinetic/pharmacodynamic modeling of faropenem daloxate
32nd Annual Meeting of the American College of Clinical Pharmacology, Tampa, September 2003.

518. E.L. Schuck, A. Dalhoff, H. Stass, H. Derendorf
Pharmacokinetic/pharmacodynamic (PK/PD) evaluation of a onece-daily treatment using ciprofloxacin in an extended-release dosage form
32nd Annual Meeting of the American College of Clinical Pharmacology, Tampa, September 2003.

519. H. Derendorf
Pharmacokinetics and pharmacodynamics of anti-infective agents in renal impairment
NephroPharmacology 7, Ulm, October 2003.

520. H. Derendorf
Integration of preclinical data to streamline clinical drug development
2003 AAPS Annual Meeting, Salt Lake City, October 2003.

521. V.A. Schuck, I. Rinas, H. Derendorf
In vitro microdialysis of docetaxel
2003 AAPS Annual Meeting, Salt Lake City, October 2003.

522. A. Khunvichai, M. Hirt, M. Karmann, L.Joliff, I. Zdrojewski, K. Rand, H. Derendorf
A novel indirect response PK-PD model to characterize the effect of faropenem on Streptococcus pneumoniae and Haemophilus influenzae
2003 AAPS Annual Meeting, Salt Lake City, October 2003.

523. E.L. Schuck, A. Dalhoff, H. Stass, H. Derendorf
Modeling the biphasic killing kinetics of quinolones
2003 AAPS Annual Meeting, Salt Lake City, October 2003.

524. H. Derendorf
How the lung handles drugs, permeability, metabolism and retention
Transatlantic Airway Conference, Lucerne, January 2004.

525. H. Derendorf
Pharmacokinetics of antimicrobial agents
Antibiotic Therapy and DRGs, Berlin, January 2004.

526. H. Derendorf
Pharmacokinetics and pharmacodynamics: Relevance for asthma therapy
45th Congress of the German Society for Pulmunology, Frankfurt, March 2004.

527. H. Derendorf
Comparing potencies of inhaled steroids
Annual Meeting of the American Academy of Allergy, Asthma and Immunology, San Francisco, March 2004.

528. H. Derendorf
Microdialysis as a key technique to evaluate exposure-response relationships in drug development
Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Miami, March 2004.

529. H. Derendorf
Microdialysis as a key technique to evaluate exposure-response relationships in drug development
FDA Committee for Advanced Education Workshop, Rockville, March 2004.

530. R. Madabushi, V.A. Bhattaram, E.L. Desoky, H. Derendorf
Population pharmacokinetic analysis of digoxin in egyptian pediatric patients: A comparison of three different softwares
6th Annual Conference & Themed Workshop of the East Coast Population Analysis Group, Rockville, April 2004.

531. H. Derendorf
Pharmaceutical care and health care politics
Konrad Adenauer Society, Langenfeld, April 2004.

532. H. Derendorf
The general concepts of pharmacokinetics and pharmacodynamics
14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, May 2004.

533. H. Derendorf
Kill-curve analysis
14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, May 2004.

534. H. Derendorf, P. Liu, K. Rand, B. Obermann
Pharmacokinetic-pharmacodynamic modelling of activities of cefpodoxime and cefixime based on in vivo tissue concentrations and in vitro kill curves
14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, May 2004.

535. H. Derendorf
What is the best marker for inhaled corticosteroid safety?
Eastern Allergy Conference, Key Biscayne, May 2004.

536. H. Derendorf
Dose selection for anti-infective drugs
PharmForum 2004, Memphis, May 2004.

537. H. Derendorf
The pharmacokinetic basis for once-daily dosing of inhaled corticosteroids
100th International Conference of the American Thoracic Society, Orlando, May 2004.

538. Q. Liu, K. Rand, M. Müller, H. Stass, H. Derendorf
Pharmacokinetic/pharmacodynamic (PK/PD) modeling and simulation of moxifloxacin
Annual Infectious Diseases Pharmacotherapy Fellowship Forum, Vail, June 2004.

539. H. Derendorf
Microdialysis as a key technique to evaluate exposure-response relationships in drug development
4th International Symposium Microdialysis in Drug Research and Development, Vienna, June 2004.

540. E.L. Schuck, M. Grant, H. Deendorf
Pharmacokinetics and tissue penetration of ciprofloxacin in simulated weightlessness: a pilot study
4th International Symposium Microdialysis in Drug Research and Development, Vienna, June 2004.

541. V.A. Schuck, H. Derendorf
In vitro and in vivo microdialysis of dexamethasone
4th International Symposium Microdialysis in Drug Research and Development, Vienna, June 2004.

542. V.A. Schuck, I. Rinas, H. Derendorf
In vitro microdialysis of docetaxel
4th International Symposium Microdialysis in Drug Research and Development, Vienna, June 2004.

543. H. Derendorf
Introduction to PK/PD
World Conference on Dosing of Antiinfectives, Nürnberg, September 2004.

544. H. Derendorf
PK/PD based on kill curves
World Conference on Dosing of Antiinfectives, Nürnberg, September 2004.

545. H. Derendorf
Dosing of antiinfectives in special populations
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Pharmacodynamics of antibiotics
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PK/PD of inhaled corticosteroids
Pharmacolgists Workshop on Inhaled Corticosteroids, Konstanz, September 2004.

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PK/PD parameters and their impact on adverse events in inhaled corticosteroid therapy
Asthma Management Update, New York, September 2004.

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33rd Annual Meeting of the American College of Clinical Pharmacology, Phoenix, October 2004.

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Effect of modeled microgravity on the deposition and tissue enetration of ciprofloxacin in healthy volunteers
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Eng's principle and the fight against resistance
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Resistance development – A pharmacological approach
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The general concepts of pharmacokinetics and pharmacodynamics
ISAP Workshop, Washington, October 2004.

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PK/PD based on kill curves
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Pharmacokinetics of beta-lactamase inhibitors

Symposium on New trends in the Therapy of Nosocomial Infections, Washington, October 2004.

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Can variability in tissue penetration explain failures or successes of therapy?
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Pharmacokinetic and pharmacodynamic evaluation of ciprofloxacin in modeled microgravity
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MIC vs. Kill corve-based PK/PD indices
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Examples of how PK/PD models that incorporte biomarkers and surrogate endpoints can be used to accelerate drug development: Corticosteroids
AAPS Workshop Clinical Biomarkers in Drug Development, Baltimore, November 2004.

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Pharmacokinetic and pharmacodynamic evaluation of NBI-42902, a new gonadotropin releasing hormone antagonist, in healthy post-menopausal women
2004 AAPS Annual Meeting, Baltimore, November 2004.

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An extract of Gundelia tournefortii L. shows hypouricemic activity in in vitro and in vivo assays
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Dexamethasone tissue penetration determined by microdialysis
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Intravenously administered digoxin in Egyptian pediatric patients with heart failure: Population pharmacokinetic analysis
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Mixed effects modeling of sparse data: A comparison of NONMEM and PKBUGS
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Pharmacokinetic/pharmacodynamic (PK/PD) modeling of antimicrobial effect and resistance development for moxifloxacin and ceftriaxone
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Improved dipyridamole formulation insures absorption in elderly patients
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Corticosteroid PK/PD parameters and their relationship to safety and efficacy
Southwest Allergy Forum, Puerto Vallarta, January 2005.

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Integration of PK-PD modeling and simulation in the development of new anti-infective agents
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Pharmacology of inhaled corticosteroids: Are they all alike?
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Basics of pharmacokinetics and pharmacodynamics
Workshop on Optimum Therapy of Complicated Infections, Berlin, March 2005.

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Pharmacokinetics and pharmacodynamics of piperacillin-tazobactam and tigecycline
Workshop on Optimum Therapy of Complicated Infections, Berlin, March 2005.

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MIC vs. kill curve based pharmacokinetic/pharmacodynamic modeling of activities of cefpodoxime and cefixime
15th ECCMID, Copenhagen, April 2005

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The importance of protein binding and how to expose highly-protein bound antimicrobials in the in-vitro model
Post-ECCMID ISAP Meeting, Copenhagen, April 2005.

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Pharmacology of inhaled corticosteroids – Are they all alike?
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Daptomycin Expert Meeting, Berlin, April 2005.

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Relevance of pharmacokinetic and pharmacodynamic data in the efficacy and safety of inhaled corticosteroids
5th Retrometabolism Based Drug Design and Targeting Conference, Hakone, May 2005

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Special PK/PD characteristics of proteins and peptides
1st PharmSciFair, Nice, June 2005.

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Optimizing drug development of anti-infective agents using pharmacokinetics and pharmacodynamics
Faculty Award Presentation, University of Utrecht, June 2005.

584. H. Derendorf, S. Mertens-Talcott, V. Butterweck
Recent advances in food-drug interactions: How concerned should we be?
2005 Institute of Food Technologists Annual Meeting, New Orleans, July 2005.

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Pharmacokinetics and drug interactions of herbal medicinal products
53rd Annual Congress of the Society for Medicinal Plant Research, Florence, August 2005

586. W.V. de Castro, S. Mertens-Talcott, A. Rubner, V. Butterweck, H. Derendorf
Great variability of flavonoids and furanocoumarins in commercially available grapefruit juices: A source of inconsistancy in grapefruit-drug interaction studies
53rd Annual Congress of the Society for Medicinal Plant Research, Florence, August 2005

587. M.J. Salvador, S. Mertens-Talcott, E.O. Ferreira, W.V. de Castro, V. Butterweck, H. Derendorf, D.A. Dias
Phenolic constituents and antioxidant capacity of Alternanthera tenella Colla
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Flavonoids and furanocoumarins in grapefruit juice: Analysis and effect of naringin and 6′,7′-dihydroxybergamottin on P-glycoprotein in vitro
34th Annual Meeting of the American College of Clinical Pharmacology, Rockville, September 2005.

589. O. Burkhardt, R. Madabushi, C. Lehmann, T. Welte, H. Derendorf
Once-daily tobramycin in cystic fibrosis: Better clinical outcome then tid but more resistance development?
34th Annual Meeting of the American College of Clinical Pharmacology, Rockville, September 2005.

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In vitro and animal models for the development of surrogate markers for optimal microbiological and clinical outcome
34th Annual Meeting of the American College of Clinical Pharmacology, Rockville, September 2005.

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Quantification of biomarkers and integration with exposure for dose optimization
AAPS Workshop on Integrated Roadmap to Biomarkers for Drug Development – Method Validation and Qualification, Rockville, September 2005.

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PK/PD in special populations
7th European Congress of Chemotherapy and Infection, Florence, October 2005.

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PK/PD – does it make a difference?
7th European Congress of Chemotherapy and Infection, Florence, October 2005.

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Trends in Pharmacy and opportunities for the future
Forum Futurum, Miami, November 2005.

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Development and validation of an HPLC-UV method for oxytocin quantitation in Ringer lactate solution for stability studies
AAPS Annual Meeting, Nashville, November 2005.

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Analysis of flavonoids and furanocoumarins in grapefruit juice
AAPS Annual Meeting, Nashville, November 2005.

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Once daily tobramycin in cystic fibrosis: Better clinical outcome than TID but more resistance development?
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598. H. Derendorf
Is protein binding important for lipophilic drugs?
45th Annual ICAAC, Washington, December 2005.

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Modeling and simulation for drug candidate selection
AGAH/ACCP Workshop on Computer Simulation and its Role in Drug Development, Düsseldorf, February 2006.

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Improving asthma therapy through scientific innovation
American Academy of Allergy, Asthma and Immunology, Miami, March 2006.

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The effect of protein binding om adrenal suppression potential of inhaled corticosteroids
American Academy of Allergy, Asthma and Immunology, Miami, March 2006.

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Biomarker-guided drug development

2006 Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Baltimore, March 2006

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Use of PK/PD modeling to streamline drug development
2006 Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Baltimore, March 2006

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Pharmacokinetic exposure, response and dermal drug absorption
2006 Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Baltimore, March 2006

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Grapefruit drug interactions: The effect of furanocoumarins and polymethoxylated flavones on P-glycoprotein activity in vitro
2006 FASEB Meeting, San Francisco, April 2006.

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Pharmacokinetic-pharmacodynamic modeling of in vitro activity of azithromycin against four different bacterial strains
16ht European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006.

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PK/PD challenges of in vitro time-kill curves – a new modelling approach
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Carbapenems – differences in their antibacterial activity due to their protein binding
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Experimental pitfalls in protein binding measurements
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Penetration of moxifloxacin into normal and infected subcutaneous tissue in patients with spinal cord injury measured by microdialysis
16ht European Congress of Clinical Microbiology and Infectious Diseases, Nice, April 2006.

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Use of biomarkers, modeling and simulation to streamline drug development
11th Pharmacokinetic/Pharmacodynamic Expert Meeting, Berlin, May 2006.

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The race against resistance: How can we find new drugs against bad bugs
South Eastern Regional Interdisciplinary Symposium, Gainesville, May 2006.

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Strengths and weakness of antimicrobial PK/PD analysis
Third International Conference on Antimicrobial Agents in Vetenary Medicine, Orlando, May 2006.

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Clinical trials and FDA process
British Medical Association, London, July 2006.

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Pharmacokinetic options
Symposium on Multiresistance and New Antibiotics, Hannover, July 2006.

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Pharmacokinetic options
Symposium on Multiresistance and New Antibiotics, Hamburg, August 2006.

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Grapefruit Juice Drug Interactions: grapefruit juice and its components inhibit P-glycoprotein mediated transport of talinolol in Caco-2 Cells
47th Annual Meeting of the American Society of Pharmacognosy, Arlington, August 2006.

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Grapefruit Juice Drug Interactions: grapefruit juice and its components inhibit P-glycoprotein mediated transport of talinolol in Caco-2 Cells
54th Annual Meeting of the Society of Medicinal Plant Research, Helsinki, September 2006.

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Which characteristics of an ICS do you consider to have the most significant impact of effectiveness of the agent?
European Respiratory Society Annual Congress, Munich, September 2006.

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Pharmacokinetic options
Symposium on Multiresistance and New Antibiotics, Berlin, September 2006.

621. H. Derendorf
PK/PD as basis of dose optimization
Annual Meeting of the German Society for Hygiene and Microbiology, Würzburg, October 2006.

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Information on GI performance: nice-to-know or essential tool for accelerated product development and approval?
Symposium on Magnetic Marker Monitoring, Berlin, October 2006.

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Pharmacokinetics of lipoproteins
Daptomycin Symposium, Langenlois, October 2006.

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Xanthine oxidase inhibitory activity of various flavonoids in vitro on plasma uric acid levels in oxonate-induced rats
AAPS Annual Meeting, San Antonio, October 2006.

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Comparison of pharmacodynamic target attainment of ertapenem in healthy volunteers and intensive care unit patients using Monte Carlo simulations
AAPS Annual Meeting, San Antonio, October 2006.

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Effects of grapefruit juice and its components on the activity of P-glycoprotein
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Citrus flavonoids in the inhibition of P-glycoprotein in vitro
AAPS Annual Meeting, San Antonio, October 2006.

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Inhaled corticosteroids today: Are they lessening the systemic effects
ACAAI Annual Meeting, Philadelphia, November 2006.

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Pharmacokinetic/pharmacodynamic modeling: Current concepts
Conference on Effective Integration of Systems Biology, Biomarkers, Biosimulation and Modelling in Streamlining Drug Development, Basel, November 2006.

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Clinical manifestation of polymorphisms – Consulting opportunities for pharmacists
Bavarian Academy for Clinical Pharmacy, Würzburg, December 2006.

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Pharmacokinetic-Pharmacodynamic Modeling of In Vitro Activity of Azithromycin Against Four Different Bacterial Strains

23rd Annual Research Conference in Pharmaceutical Sciences and JSPS of Asia/Africa Scientific Program, Bangkok, December 2006.

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PK/PD modeling of linezolid against MRSA
17th European Congress of Clinical Microbiology and Infectious Diseases, Munich, March 2007.

633. H. Derendorf
Introduction to PK/PD of anti-infectives – the essentials in 60 minutes
1st Symposium on PK/PD-approaches to suppression of resistance to anti-infectives, Munich, March 2007.

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Models of infection: In vitro vs. in vivo
1st Symposium on PK/PD-approaches to suppression of resistance to anti-infectives, Munich, March 2007.

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Introduction to PK/PD
25th ICC Educational Workshop on Pharmacokinetics and pharmacodynamics of anti-infective agents, Munich, March 2007

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Pharmacokinetic options
Symposium on Multiresistance and New Antibiotics, Munich, April 2007.

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Pharmacotherapy in the elderly
3rd Pharmaceutical Sciences World Congress, Amsterdam, April 2007.

638. J. Xu, J. Winkler, H. Derendorf
A novel pharmacokinetic/pharmacodynamic (PK/PD) approach to predict total prednisolone levels in human plasma
3rd Pharmaceutical Sciences World Congress, Amsterdam, April 2007.

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Time-kill and post-antifungal effects (PAFE) of voriconazole against Candida clinical strains: Verifying experimental validity by determination of voriconazole concentrations using HPLC
3rd Pharmaceutical Sciences World Congress, Amsterdam, April 2007.

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The significance of an optimized formulation for dipyridamole
16th European Stroke Conference, Glasgow, May 2007.

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Pharmacokinetic/pharmacodynamic studies in drug product development
6th Retrometabolism Based Drug Design and Targeting Conference, Göd, June 2007.

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Phamacists in the USA – Experience and future opportunities
Northrhine Chamber of Pharmacists, Neuss, June 2007.

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Population pharmacokinetics of lithium in Egyptian patients with bipolar affective disorder
36th ACCP Annual Meeting, San Francisco, September 2007.

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Linezolid against MRSA – A new modeling approach
36th ACCP Annual Meeting, San Francisco, September 2007.

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Tissue levels of antibiotics
HAI-Congress of Anesthesiology and Intensive Care Medicine, Berlin, September 2007.

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Tissue penetration and PK/PD of antibiotics

HAI-Congress of Anesthesiology and Intensive Care Medicine, Berlin, September 2007.

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Introduction to PK/PD
47th Annual ICAAC, Chicago, September 2007.

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PK/PD based on kill curves
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Shortcomings of current pharmacodynamic assessment tools
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Characterization of in vitro resistance to RWJ-416457 against MRSA compared to linezolid
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Pharmacokinetic (PK)/pharmacodynamic (PD) modeling of voriconazole activity against Candida spp. using a dynamic in-vitro model
47th Annual ICAAC, Chicago, September 2007.

652. H. Badrane, M.H. Nguyen, V. Kumar, H. Derendorf, C.J. Clancy
Candida albicans Irs4p interacts with Inp51p to regulate phosphatidylinositol-4,5-biphosphate (PI(4,5)P2) levels, vesicle trafficking and virulence
47th Annual ICAAC, Chicago, September 2007.

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Galenic formulations of dipyridamole
Future Perspectives in Modern Stroke Management, Warsaw, September 2007.

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The use of PK/PD in drug development
39th Brazilian Congress of Pharmacology and Experimental Therapeutics, Ribeirão Preto, October 2007.

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Impact of dosing time on the pharmacokinetics/pharmacodynamics of prednisone
AAPS 2007 Annual Meeting, San Diego, November 2007.

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PK/PD modeling and the rational selection of dosage regimens for the prudent use of antimicrobial drugs
2nd Symposium on Antimicrobial Resistance in Animals and the Environment, Tours, December 2007.

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Dynamic time-kill experiments and pharmacokinetic/pharmacodynamic mathematical models of voriconazole activity against Candida isolates in vitro support target peak concentrations of 4×MIC
9th ASM Conference on Candida and Candidiasis, Jersey City, March 2008.

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Special Populations: Geriatric Patients/Ageing
Frontiers in Drug Development and Regulatory Science Series: Special Populations and Situations, Washington, May 2008.

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Integration of target site pharmacokinetics and in-vitro pharmacodynamics in the assessment of existing and new anti-infective agents
Louvain Drug Research Institute, Brussels, September 2008.

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PK-PD modeling for anti-infectives
GPEN 2008, Leuven, September 2008.

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Microdialysis as a tool for assessment of tissue concentrations of antibiotics in humans
GPEN 2008, Leuven, September 2008.

662. J. Liu, H. Derendorf, D. Dennis, G.M. Janelle, C.N. Seubert
Anesthesia in Space-PK/PD Modeling of propofol in simulated microgravity
37th Annual Meeting of the American College of Clinical Pharmacology, Philadelphia, September 2008.

663. S. Sabarinath, N. Goyal, J. Winkler, B. Rosenkranz, H. Derendorf
Population pharmacokinetics of the bradykinin B@ receptor antagonist icatibant in Phase I and II clinical trials
37th Annual Meeting of the American College of Clinical Pharmacology, Philadelphia, September 2008.

664. A. Barbour, S. Schmidt, H. Derendorf
Combination of clinical microdialysis and in vitro pharmacodynamics for dose optimization of beta-lactam antibiotics
37th Annual Meeting of the American College of Clinical Pharmacology, Philadelphia, September 2008.

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Soft tissue penetration of cefuroxime determined by clinical microdialysis in six obese patients undergoing abdominal surgery
37th Annual Meeting of the American College of Clinical Pharmacology, Philadelphia, September 2008.

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Basic concepts of PK/PD for anti-infectives
Ehrlich II - 2nd World Conference on Magic Bullets, Nürnberg, October 2008.

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Pharmacokinetics and pharmacodynamics of Anti-infectives
Ehrlich II - 2nd World Conference on Magic Bullets, Nürnberg, October 2008.

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Streamlining drug development using modeling and simulation
Ehrlich II - 2nd World Conference on Magic Bullets, Nürnberg, October 2008.

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Introduction to PK/PD
48th Annual ICAAC, Washington, October 2008.

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PK/PD based on kill curves
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In vitro protein binding needs to be measured in the respective medium and not estimated from reported serum binding
48th Annual ICAAC, Washington, October 2008.

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Soft tissue penetration of ceftobiprole following single dose administration in healthy adults
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673. M. Sahre, S. Schmidt, A. Barbour, K.H. Rand, H. Derendorf
In vitro pharmacodynamics of TR-700, the active moiety of prodrug TR-701, a novel oxazolidinone, in a kill curve model
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Simulating voriconazole-Candida interactions using a mathematical model derived from a dynamic in vitro-kill method that mimics pharmacokinetics in vivo
48th Annual ICAAC, Washington, October 2008.

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Pharmacokinetics and protein binding
Willliam A. Craig Symposium, Madison, Ocotber 2008.

676. I. Zadezensky, R. Frye, C. Galloway, H. Derendorf, V. Butterweck
Assessment of the myopathy development in rats after simvastatin grapefruit juice coadministration
2008 AAPS Annual Meeting, Atlanta, November 2008.

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Microdialysis-based pharmacokinetic modeling of beta-lactam tissue concentrations
2008 AAPS Annual Meeting, Atlanta, November 2008.

678. J. Xu, H. Derendorf
Evaluation of growth retardation and cortisol suppression in pediatrics after inhaled corticosteroids using a mixed effects model
2008 AAPS Annual Meeting, Atlanta, November 2008.

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Protein binding pitfalls – in vitro and in vivo
2008 AAPS Annual Meeting, Atlanta, November 2008.

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PK/PD studies focusing on physical dependence of fentanyl in rats
2009 Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, Washington, March 2009.

681. K. Wölkart, R. Frye, H. Derendorf, R. Bauer, V. Butterweck
Absolute Bioavailability and Metabolism of Dodeca-2*E*,4*E*,8*E*,10*E/Z*-tetraenoic acid isobutylamides (“tetraene”) after Intravenous and Oral Single Doses to Rats
Annual Meeting of the Austrian Pharmaceutical Society, Vienna, April 2009.

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Rational development of new antibiotics
7th Retrometabolism Based Drug Design and Targeting Conference, Orlando, May 2009.

683. B. Wu, H. Derendorf
Utilizing Mechanism-Based Pharmacokinetic/Pharmacodynamic Models to Understand and Prevent Antimicrobial Resistance
7th Retrometabolism Based Drug Design and Targeting Conference, Orlando, May 2009.

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Introduction to PK/PD
19th ECCMID, Helsinki, May 2009.

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PK/PD modeling: Streamlining drug development
2nd PharmSciFair, Nice, June 2009.

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Effects of protein binding on half-life of elimination
38th Annual Meeting of the American College of Clinical Pharmacology, San Antonio, September 2009.

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Pharmacokinetic-pharmacodynamic modeling: What can the TB field learn from other infectious diseases and cancer chemotherapy?
2nd International Workshop on Clinical Pharmacology of Tuberculosis Drugs, Sanm Francisco, September 2009.

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The general concepts of pharmacokinetics and pharmacodynamics
49th ICAAC Pre-Conference Workshop, San Francisco, September 2009.

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PK/PD based on kill curves
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Evaluation of Tissue Distribution of TR-701 in Healthy Volunteers, Using Microdialysis
49th ICAAC, San Francisco, September 2009.

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Utilizing mechanism-based pharmacokinetic/pharmacodynamic models to understand and prevent antimicrobial resistance
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Population pharmacokinetics of steady-state carbamazepine in Egyptian epilepsy patients
11th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology, Montreal, October 2009.

693. L. Zhuang, J. Gao, H. Derendorf, C. Liu
Pharmacokinetic study of thermosensitive liposome-encapsulated lomustine in C6 glioma model rats
2009 AAPS Annual Meeting, Los Angeles, November 2009.

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Population pharmacokinetics of cilengitide from a non-linear mixed effects analysis
Annual Meeting of the American Association of Cancer Research (AACR), Boston, November 2009.

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Introduction to Pharmacokinetics and Pharmacodynamics
Workshop Advanced Topics in Toxicology, Ribeirão Preto, December 2009.

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The effect of protein binding on pharmacokinetics and pharmacodynamics
Universidade Federal do Rio Grande do Sul, Porto Alegre, December 2009.

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Imntroduction to Pharmacodynamic Principles
ACDRS Workshop learning Trials: From Discovery to First in Humans, Washington, February 2010.

698. H. Derendorf, V. Butterweck
Pharmacokinetics and Drug Interactions of herbal Medicinal Products
Summer School in Pharmacognosy 2010, Florianopolis, February 2010.

699. S. Sabarinath, N. Goyal, H. Derendorf, K. Oreskovic, V. Schmith
Modeling of target lesion scores over time in a psoriasis microplaque assay
111th Annual meeting of the American Society for Clinical Pharmacology and Therapeutics, Atlanta, March 2010.

700. H. Derendorf
Treatment with glycopeptides: intermediate dosing or continuous infusion?
European Congress of Clinical Microbiology and Infectious Diseases, Vienna, April 2010.

701. H. Derendorf
Dose adjustments in patients with impaired renal function
European Congress of Clinical Microbiology and Infectious Diseases, Vienna, April 2010.

702. H. Derendorf, D. Gonzalez
Innate inflammation – A challenge for drug absorption and pharmacokinetics
New York Academy of Sciences, Innate Inflammation as the Common Pathway of Risk Factors Leading to Transient Ischemic Attacks and Stroke: Pathophysiology and Potential Interventions, New York, May 2010.

703. H. Derendorf
Modeling and simulation to streamline drug development
Congresso Sul-Americano de Biofarmacia e Farmacocinetica, Porto Alegre, May 2010.

704. H. Derendorf
Simulation and data modeling in drug development. Better drugs faster?
IUPHAR World Conference on Basic and Applied Pharmacology, Copenhagen, July 2010.

705. K. Woelkart, M. Kollroser, H. Derendorf, V. Butterweck, R. Bauer
Development and validation of a LC-MS/MS method based on a new 96-well HybridSPE™-precipitation technique for quantification of CYP450 substrates/metabolites in rat plasma
GA Meeting, Berlin, August 2010.

706. S. Schmidt, A. Barbour, H. Derendorf
Microdialysis: a valuable tool for identifying clinically relevant PK/PD relationships
13th International Conference on In Vivo Methods: Monitoring Molecules in Neuroscience, Brussels, September 2010.

707. S. Sabarinath, N. Goyal, K. Oreskovic, V.D. Schmith, H. Derendorf
Modeling of lesion scores over time in a psoriasis microplaque assay
39th Annual Meeting of the American College of Clinical Pharmacology, Baltimore, September 2010.

708. R.P. Singh, S.N. Sabarinath, M. Sahre, H. Nguyen, T. Hoppe-Tichy, G. Egerer, M. Gronkowski, H. Derendorf
Population pharmacokinetics of caspofungin in patients with acute leukemia or allogenic or autologous blood stem cell transplantation
39th Annual Meeting of the American College of Clinical Pharmacology, Baltimore, September 2010.

709. B. Wu, H. Derendorf
Using pharmacokinetic/pharmacodynamic models to guide the suppression of the emerged resistant population of Pseudomonas aeruginosa following ciprofloxacin treatment
50th ICAAC, Boston, September 2010.

710. K. Ikawa, A. Nakashima, N. Morikawa, K. Ikeda, Y. Murakami, H. Ohge, H. Derendorf, T. Sueda
Clinical pharmacokinetics and pharmacodynamics of meropenem and biapenem in bile
50th ICAAC, Boston, September 2010.

711. S. Schmidt, O. Burkhart, H. Derendorf
Effect of protein binding on the pharmacokinetics and pharmacodynamics of beta-lactams
Annual Meeting of the Paul-Ehrlich-Society, Bonn, October 2010.

712. H. Derendorf
Pharmacometrics: What is this, which skills are needed?
South African Congress for Pharmacology and Toxicology, Cape Town, October 2010.

713. H. Derendorf
Drug-drug interactions and traditional medicines
South African Congress for Pharmacology and Toxicology, Cape Town, October 2010.

714. E. A. Ross, H. Derendorf, R. P. Singh
Sodium thiosulfate (STS) dosing strategies for treatment of calciphylaxis
ASN Renal Week, Denver, November 2010.

715. R. P. Singh, M. Vieira, A. Barbour, S. Schmidt, W. R. Rout, K. Ben-David, O. Burkhardt, H. Derendorf
Physiological based pharmacokinetic modeling of cefuroxime clinical microdialysis data in morbidly obese females undergoing surgery
AAPS Annual Meeting, New Orleans, November 2010.

716. R. Naik, R. Singh, C. Seubert, M. Garnt, U. Shukla, P. Manitpisitkul, K. Shalayda, N. Anderson, S. Sha, H. Derendorf
Clinical tissue distribution study of a novel fluoroquinolone (JNJ-Q2) using microdialysis in healthy subjects
AAPS Annual Meeting, New Orleans, November 2010.

717. M. Vieira, D. Conrado, H. Derendorf
Intravenous microdialysis study in rats using triamcinolone acetonide as a model drug
AAPS Annual Meeting, New Orleans, November 2010.

718. R. Shi, H. Derendorf
Fixed dsing vs. body size-based dosing of anti-cancer drugs in adults: A population pharmacokinetic approach
112th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Dallas, February 2011.

719. R.P. Singh, S. Sy, I. Hazza, S.A. Shilbayeh, H. Derendorf
Population pharmacokinetics and adverse event analysis of tacrolimus in pediatric renal transplant recipients
American Conference on Pharmacometrics, San Diego, April 2011.

720. H. Derendorf, K. Rübsamen, A. Schäffler, J.R. Kirwan
Pharmacokinetics of modified-release prednisone tablets are essentially unchanged from conventional immediate release prednisone tablets except for a programmed delay of 4-6 hours
European League Against Rheumatism, London, May 2011.

721. H. Derendorf
Eng’s principle in pharmacokinetics
8th Retrometabolism-based Drug Design and targeting Conference, Graz, June 2011.

722. J. Bousquet, U. Munzel, U. Petzold, C. Kolb, J. Maus, H. Mascher, R. Hermann, H. Derendorf
A new treatment option for allergic rhinitis - Systemic bioavailability and disposition of fluticasone propionate administered in combination with azelastine
30th Congress of the European Academy of Allergy and Clinical Immunology, Istanbul, June 2011.

723. J. Bousquet, U. Munzel, U. Petzold, C. Kolb, M. Weingart, J. Maus, R. Hermann, H. Derendorf
A new treatment option for allergic rhinitis - Systemic bioavailability and disposition of azelastine administered in combination with fluticasone propionate
30th Congress of the European Academy of Allergy and Clinical Immunology, Istanbul, June 2011.

724. H. Derendorf
It’s the patient, stupid
15o Years Deutsche Apotheker Zeitung, Berlin, July 2011.

725. H. Derendorf
How to handle protein binding in modeling and simulation
Gordon Conference Drug Metabbolism, Holderness, July 2011.

726. H. Derendorf, K. Ikawa, R.P. Singh, J. Straub
Differences in exposure and response between East Asians and Caucasians
40th Annual Meeting of the American College of Clinical Pharmacology, Chicago, September 2011.

727. R.P. Singh, V.R. Daniels, C.J. Crady, H. Derendorf. L. Putcha
Pharmacokinetics of an intranasal scopolamine gel formulation during antiorthostatic bedrest – a microgravity analog
40th Annual Meeting of the American College of Clinical Pharmacology, Chicago, September 2011.

728. D.J. Conrado, M. Bewernitz, S. Sy, M. Ding, J. Cibula, S. Eisenschenk, C. Seubert, H. Derendorf
Population pharmacokinetics and pharmacodynamics of armodafinil: effects on electroencephalogram and alertness of sleep deprived adults
40th Annual Meeting of the American College of Clinical Pharmacology, Chicago, September 2011.

729. S.A.R. Shilbayeh, R.P. Singh, H. Derendorf
Population pharmacokinetics for individualization of tacrolimus dose in Jordanian pediatric renal transplant recipients
12th International Congress of Therapeutic Drug Monitoring and Clinical Toxicology, Stuttgart, October 2011.

730. E.S. El Desoky, M.H. Ghazally, R.P. Singh, O.N. Abdelhamid, H. Derendorf
Population pharmacokinetics of methotrexate in Egyptian children with lymphoblastic leukemia
12th International Congress of Therapeutic Drug Monitoring and Clinical Toxicology, Stuttgart, October 2011.

731. H. Derendorf
Patients with hepatic impairment – what dose?
51st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, September 2011.

732. L. Zhuang, R.P. Singh, H. Xia, S.K.B. Sy, C. Liu, H. Derendorf
Pharmacokinetic/pharmacodynamic modeling of in vitro activity of vertilmicin, a novel aminoglycoside against three bacterial strains
51st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, September 2011.

733. F. Qureshi, N. Guoqin, J. Hughes, H. Derendorf
FGF2-targeted cationic lipid formulations for oligonucleotide delivery
2011 AAPS Annual Meeting and Exposition, Washington, October 2011.

734. H. Derendorf
Streamlining drug development by PL/PD-based modeling and simulation
2011 CMDD Symposium on Marine Natural Products and Drug Discovery, Seoul, October 2011.

735. H. Derendorf
PK/PD-based development of anti-infective agents
Past, Present and Future of Molecular Pharmacokinetics, Tokyo, January 2012.

736. H. Derendorf
It’s the patient, stupid
20th NZW Oncological Pharmacy Congress, Hamburg, January 2012.

737. L. Zhuang, S. Sy, H. Xia, H. Derendorf
Pharmacokinetic/pharmacodynamic modeling of in vitro activity of vertilmicin against three bacterial strains
Emerging Pathogens Institute Research Day, Gainesville, February 2012.

738. A.B. Barth, E.F. Egelund, Z. Ahmed, E.L. Nuermberger, C. Peloquin, H. Derendorf
Exploratory pharmacokinetics-pharmacodynamics (PK-PD) target attainment analysis of PA-824
Emerging Pathogens Institute Research Day, Gainesville, February 2012.

739. D.J. Conrado, M. Bewernitz, J.P. Juchem-Neto, M. Ding, J. Cibula, S. Eisenschenk, C. Seubert, H. Derendorf

Pharmacokinetic-pharmacodynamic modeling of armodafinil: Effects on electroencephalogram and neurocognition of sleep deprived adults
International Conference on Computational Biomedicine, Gainesville, March 2012.

740. D.J. Conrado, M. Bewernitz, M. Ding, J. Cibula, S. eisenschenk, C. Seubert, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling on alertness and electroencephalogram of sleep derived adults
113th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, National Harbour, March 2012.

741. D. Gonzalez, A. van der Straten, T.E. Morey, S. Wasdo, J. Wishin, B. Quinn, M. Booth, R.J. Melker, H. Derendorf, D.M. Dennis
Pharmacokinetic analysis of two flavorants used in a novel breath-based system (Smart™)designed to assess use of vaginally applied products
113th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, National Harbour, March 2012.

742. R.P. Singh, M.D. Sahre, H. Derendorf. V.D. Schmith
Disease progression modeling of inflammatory lesion counts (LES) in acne vulgaris
113th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, National Harbour, March 2012.

743. R.P. Singh, M.D. Sahre, H. Derendorf, V.D. Schmith
Modeling of investigative static global assessmentscore (ISGA) in acne vulgaris
113th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, National Harbour, March 2012.

744. P. Brossard, A. Halabi, H. Derendorf, J. Dingemanse
Ascending single-dose study with ponesimod, a selective SIP_1-receptor agonist: Safety, pharmacokinetics, pharmacodynamics, and modeling
113th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, National Harbour, March 2012.

745. H. Derendorf
Dose adjustments in special populations
22nd ECCMID, London, March 2012.

746. K. Chooluck, R.P. Singh, K. Sathirakul, H. Derendorf
Dermal Pharmacokinetics of Terpinen -4-ol in Fallowing T
Oil: A Microdialysis Study
The Thirteenth RGJ-Ph.D. Congress, Pattaya, April 2012.

747. H. Derendorf
Pharmacodynamic Drug Interactions
3rd International Workshop on Regulatory Requirements and Current Scientific Aspects on the Preclinical and Clinical Investigation of Drug-Drug Interactions, Marbach Castle, May 2012.

748. D. Gonzalez, T.E. Morey, S. Wasdo, J. Wishin, B. Quinn, M. Booth, H. Derendorf, R. Melker, D. Dennis
Population pharmacokinetics of two volatile markers used for assessment of definite adherence
21st PAGE Meeting, Venice, June 2012.

749. W.V. deCastro, H. Derendorf, V. Butterweck
Carrier mediated transport of talinolol in rats upon single and multiple dose administration of ruby red grapefruit juice
1st Congress of the Brazilian Association of Pharmaceutical Sciences, Porto de Galinhas, October 2012.

750. K. Ardjomand-Woelkart, M. Kollroser, H. Derendorf, R. Bauer, V. Butterweck
Herb-drug interactions: Effects of *Echinacea* preparations on Cytochrome P450 activities in rats
International Congress on Natural Products Research, New York, July 2012.

751. L. Li, A.R. Han, A.D. Kinghorn, R. Frye, H. Derendorf. V. Butterweck
The pharmacokinetic properties of γ-mangostin in rats in comparison to mangosteen extract
International Congress on Natural Products Research, New York, July 2012.

752. H. Derendorf
Pharmacokinetics of natural products
International Congress on Natural Products Research, New York, July 2012.

753. H. Derendorf
Introduction to PK/PD
52nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francicsco, September 2012.

754. H. Derendorf
PK/PD based on kill curves
52nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francicsco, September 2012.

755. K. Ikawa, E. Kikuchi, J. Kikuchi, M. Nishimura, H. Derendorf, N. Morikawa
Clinical pharmacokinetics and pharmacodynamics of clarithromycin and telithromycin in epithelial lining fluid of the bronchi
41st Annual Meeting of the American College of Clinical Pharmacology, San Diego, September 2012.

756. H. Derendorf
Pharmacokinetic issues in overcoming resistance: protein binding and microdialysis
41st Annual Meeting of the American College of Clinical Pharmacology, San Diego, September 2012.

757. D.J. Conrado, M. bewernitz, M. Ding, J. Cibula, S. Eisenschenk. C. Seubert, H. Derendorf
Pharmacokinetic-pharmacodynamic modeling of the electroencephalogram effect of armodafinil: Correlation with behavioral alertness
41st Annual Meeting of the American College of Clinical Pharmacology, San Diego, September 2012.

758. H. Derendorf
It’s the patient, stupid
Annual Meeting of the German Society for Clinical Pharmacy, Stuttgart, October 2012.

759. H. Derendorf
Dose adjustments in special patient populations
2nd Congreso Sudamericano de Biofarmacia y Farmacocinetica, Montevideo, November 2012.

760. H. Derendorf
Impact of aging on pharmacokinetics and pharmacodynamics
2nd Congreso Sudamericano de Biofarmacia y Farmacocinetica, Montevideo, November 2012.

761. F.K. Hurtado, B. Weber, H. Derendorf, T. Dalla Costa
Population pharmacokinetic modeling of the unbound concentrations in plasma and prostate tissue
2nd Congreso Sudamericano de Biofarmacia y Farmacocinetica, Montevideo, November 2012.

762. H. Derendorf
Overview of pharmacometrics as a discipline with perspectives on its application to safety and efficacy
GPEN Meeting, Melbourne, November 2012.

763. F.K. Hurtado, B. Weber, H. Derendorf, T. Dalla Costa
Population pharmacokinetic modeling of the unbound levofloxacin concentrations in

plasma and prostate measured by microdialysis in rats
III Encontro do Programa de Pós-Graduação em Ciências Farmacêuticas da Universidade Federal do Rio Grande do Sul, Porto Alegre, November 2012.

764. H. Derendorf
It's the patient, stupid
Interpharm 2013, Hamburg, March 2013.

765. H. Derendorf
Don't judge too quickly – Lessons learned from PK/PD of inhaled corticosteroids
3rd Open Forum on Pharmaceutics and Biopharmaceutics – Focus Forum on Dry Powder Inhalation, Boston, March 2013.

766. H. Derendorf
Pharmacometrics to streamline drug development using modeling and simulation
Arthur D. Broom Seminar, University of Utah, Salt Lake City, April 2013.

767. M. Fueth, H. Derendorf. P. Okunieff
Utilization of a synthesized fibroblast growth factor (FGF-P) as a novel mitigation agent to treat various acute and chronic radiation related syndromes
First Annual Postdoc research Symposium, University of Florida, April 2013.

768. H. Derendorf
Pharmacometrics in drug development
1st ACTREC Symposium on Clinical Pharmacology in Cancer Therapeutics, Mumbai, April 2013.

769. H. Derendorf
PK/PD-guided development of anti-infective agents to combat resistance
6th South Asian Chapter of ACCP Conference, Mumbai, April 2013.

770. H. Derendorf
Impaired renal function: how, where and when to adjust?
23rd ECCMID, Berlin, April 2013.

771. A. Völkner, C. Lebert, H. Derendorf
Population pharmacokinetic/pharmacodynamic (PK/PD) assessment of vancomycin in adult patients indicates vanishing appropriateness of vancomycin therapy
23rd ECCMID, Berlin, April 2013

772. L. Zhuang, S.K.B. Sy, H. Xia, R.P. Singh, C. Liu, H. Derendorf
Characterization of in-vitro antimicrobial activity of vertilmicin alone and in combination with ceftazidime by using semi-mechanistic pharmacokinetic/pharmacodynamic models
American Conference on Pharmacometrics, Fort Lauderdale, May 2013.

773. L. Li, H. Möllmann, J. Barth, S. Rohatagi, G. Hochhaus, H. Derendorf
PK/PD modeling of methylprednisolone and prednisolone after multiple oral doses
American Conference on Pharmacometrics, Fort Lauderdale, May 2013.

774. R. Singh,J. Sutcliffe, A. Rutcliff, H. Derendorf
Development of an empirical model to explain atypical nonlinear plasma protein binding of eravacycline
American Conference on Pharmacometrics, Fort Lauderdale, May 2013.

775. H. Derendorf
Benefits and risks of pharmacokinetic and pharmacodynamic drug-drug interactions in anti-infective therapy
9th Retrometabolism Based Drug Design and Targeting Conference, Orlando, May 2013.

776. J. Kast, D.J. Conrado, M. Bewernitz, M. Ding, J. Cibula, S. Eisenschenk, C. Seubert, H. Derendorf
EEG as a potential biomarker to assess armodafinil drug effect in sleep deprived patients
9th Retrometabolism Based Drug Design and Targeting Conference, Orlando, May 2013.

777. M. Fueth, I. Prasanchairmontri, R. Singh, H. Derendorf, L. Zhang, S. Vidyasagar, P. Okunieff
Utilization of a synthesized fibroblast growth factor (FG-P) as a novel mitigation agent to treat various acute and chronic radiation related syndromes

9th Retrometabolism Based Drug Design and Targeting Conference, Orlando, May 2013.

778. H.Derendorf
Drug-drug-interactions involving antibiotic agents
4th International Workshop on Regulatory Requirements and Current Scientific Aspects on the Preclinical and Clinical Investigation of Drug-Drug-Interactions, Schloss Marbach, May 2013.

779. H. Derendorf
Vancomycin trough levels – What can we learn?
Annual Conference of the German Society of Hospital Pharmacists, Dresden,May 2013.

780. A. Barth, R. May, J. Johnson, C. Peloquin, H. Derendorf
Development of an in vitro system to perform time-kill curves of levofloxacin against Mycobacterium tuberculosis
34th Annual Congress of the European Society of Mycobacteriology. Florence, Italy, May 2013.

781. P. M. Tulkens, P. Wallemacq, H. Derendorf
Vancomycin (VAN) administered by continuous infusion (CI) should be dosed according to clearance (CL) and not as a the patient's body weight
28th International Congress of Chemotherapy and Infection, Yokohama, June 2013

782. H. Derendorf
Introduction to Pharmacokinetics
53rd ICAAC, Senver, September 2013.

783. R.S. Singh, N.Falcao, J.A> Sutcliffe, H. Derendorf
Plasma protein binding of eravacycline in mouse, rat, rabbit,cynomolgus monkey, african green monkey and human using microdialysis
53rd ICAAC, Denver, September 2013.

784. L. Zhuang, S.K. Sy, H. Xia, R.P. Singh, C. Liu, H. Derendorf
Characterization of in vitro antimicrobial activity of vertilmicin alone and in combination with ceftazidime by usin semi-mechanistic pharmacokinetic/pharmacodynamics modeling
53rd ICAAC, Denver, September 2013.

785. S.K. Sy, M.E. Beaudoin, V.J. Schuck, H. Derendorf
Modeling of the potentiation of in vitro activities by avibactam against four beta-lactam-resistant bacterial strains
53rd ICAAC, Denver, September 2013.

786. H. Derendorf
Pharmacokinetics of Daptomycin
4th Infectiology Expert Workshop, Dresden, October 2013.

787. H. Derendorf
Modeling and simulation in drug development
STEM Seminar, Daytona State College, Daytona Beach, November 2013.

788. H. Derendorf
Role of microdialysis for in vivo characterizations in evaluating safety and efficacy of anti-infective drugs
2013 AAPS Annual Meeting, San Antonio, November 2013.

789. J.K. Mukker, R.S. Singh, H. Derendorf
Metal ion chelation by tigecycline explains atypical nonlinear plasma protein binding behavior
ASCPT 2014 Annual Meeting, Atlanta, March 2014

790. R.S. Singh, J.K. Mukker, H. Derendorf
Monte Carlo simulation to determine the effect of atypical nonlinear protein binding on clinical breakpoint of tigecycline
ASCPT 2014 Annual Meeting, Atlanta, March 2014

791. H. Derendorf
Pharmacodynamic evaluation of inhaled corticosteroids
Respiratory Drug Deloivery 2014, Puerto Rico, May 2014.

792. H. Derendorf
Optimizing therapy in obese and frail patients
ECCMID 2014, Barcelona, May 2014.

793. V. Zabela, M. Oufir, F. Moradi-Afrapoli, H. Derendorf, V. Butterweck, M. Hamburger
Validation of UHPLC-MS/MS Methods for Quantification of Kaempferol and 4-Hydroxy-phenylacetic acid in Rat Plasma, and Application to Pharmacokinetic Studies
International Mass Spectrometry Conference, Geneva, August 2014.

794. A. Voelkner, B. McCullough, K. Klinker, H. Derendorf
Assessment of vancomycin AUC/MIC abd clinical outcome in MRSA patients
GPEN 2014, Helsinki, August 2014.

795. N. Falcao, S. Morales, C. Heinrichs, K. Hernandez, P. Kima, S. Sy, H. Derendorf
Assessment of antileishmanial activity of pyrizinamide by in vitro time-kill-curve experiments against Leishmania amazonensis
GPEN 2014, Helsinki, August 2014.

796. H. Derendorf
Introduction to Pharmacokinetics
ICAAC 2014, Washington, September 2014.

797. S. Worrall, K. Klinker, A. Voelkner, S. Borgert, H. Derendorf
Acute kidney injury associated with beta-lactam antimicrobials
ICAAC 2014, Washington, September 2014.

798. A. Voelkner, B.J. McCullough, K. Klinker, H. Derendorf
Evaluation of clinical outcome and AUC/MIC in patients receiving vancomycin for MRSA bacterimia
ICAAC 2014, Washington, September 2014.

799. S.K. Sy, M.E. Beaudoin, W.W. Nichols, V.J. Schuck, H. Derendorf
Avibactam and ceftazidime combination against multidrug-resistant organisms in an invitro pharmacokinetic/pharmacodynamics model
ICAAC 2014, Washington, September 2014.

800. **A.N. Deitchman**, R.P. Singh, J.K. Mukker, S.K.B. Sy, H. Derendorf
Tigecycline and tetracycline as a synergistic *in vitro* combination against *Pseudomonas aeruginosa*
ICAAC 2014, Washington, September 2014.

801. **H. Derendorf**
MIC vs. time-kill curves: Which is the better PK/PD approach?
2014 Annual Meeting of the American College of Clinical Pharmacology, Atlanta, September 2014.

802. K. Ikawa, K. Matsumoto, N. Kanazawa, Y. Yokuyama, Y. Takeda, H. Derendrof, N. Morikawa
Population pharmacokinetics of methotrexate in pediatric patients: A simultaneous analysis of the serum and urine concentration data
2014 Annual Meeting of the American College of Clinical Pharmacology, Atlanta, September 2014.

803. X. Song, H. Lu, P. Ji, Y.M. Wang, Y. Wang, C. Sahajwalla, J. Lee, J. Maynard, S. Yim, H. Derendorf, E.D. Bashaw, L. Fang
Meta-analysis of esex impact on rheumatoid arthitis treatment response with biologics
2014 Annual Meeting of the American College of Clinical Pharmacology, Atlanta, September 2014.

804. R.S. Singh, J.K. Mukker, S. Drescher, H. Derendorf
A need to revisit the clinical breakpoint of tigecycline: Effect of atypical nonlinear plasma protein binding
2014 Annual Meeting of the American College of Clinical Pharmacology, Atlanta, September 2014.

805. N.M. Falcao, P. Kima, C. Heinrichs, S. Morales, K. Hernandez, H. Derendorf
Assessment of antileishmanial activity of pyrazinamide by in-vitro time-kill curve experiments against Leishmania amazoniensis
2014 Annual Meeting of the American College of Clinical Pharmacology, Atlanta,

September 2014.

806. R.S. Singh, A. Deitchman, J.K. Mukker, T. Schumacher, N.D. Bharose, S. Sy, D. Ressing, N.M. Falcao, H. Derendorf
Increase in the efficacy of tigecycline: Effect of metal-ion chelation
2014 Annual Meeting of the American College of Clinical Pharmacology, Atlanta, September 2014.

807. A. Barth, R.S. Singh, R. May, J. Johnson, R. Isaza, H.M. Blumberg, S. Vashakidze, C. Peloquin, H. Derendorf, R. Kempker
Levofloxacin dose optimization for multidrug resistant tuberculosis based on lung microdialysis in patients
2014 Annual Meeting of the American College of Clinical Pharmacology, Atlanta, September 2014.

808. H. Derendorf
Protein binding as a modulator of PK and PD variability
5th Annual American Conference on Pharmacometrics, Las Vegas, October 2014.

809. H. Derendorf
Pharmacokinetics and pharmacodynamics – What we can learn from glucocorticoids
Workshop on Inhalative Antibiotics, Berlin, October 2014.

810. A. Deitchman, R.S Singh, J.K. Mukker, S.Sy, A. Zoehner, H.Derendorf
Exploring in vitro antipseudomonal activity of synergistic tigecycline-tetracycline combinations
ASCPT 2015 Annual Meeting, New Orleans, March 2015.

811. H. Derendorf
Advances in pulmonary drug delivery
1st European Conference on Pharmaceutics, Reims, April 2015.

812. H. Derendorf
Drug level monitoring recommendations – facts and myths
European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, April 2015.

813. A. Deitchman, R. Singh, A. Zoehner, H. Derendorf
In vitro pharmacodynamics of tigecycline and tetracycline combinations against Psudomonas aeruginosa
European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, April 2015.

814. H. Derendorf
Plasma protein binding and its implications for intracellular drug concentrations
6th International Workshop on Regulatory Requirements and Current Scientific Aspects on the Preclinical and Clinical Investigation of Drug-Drug-Interactions, Marbach Castle, May 2015.

815. H. Derendorf
PK/PD modeling and simulation for efficacy and safety of corticosteroids in asthma and inflammation
3rd Joint Conference of European Human Pharmacological Societies, Brussels, May 2015.

816. H. Derendorf
Applications of pharmacokinetic/pharmacodynamics models for the development of antimicrobial agents
1st International Congress of Controlled Release Society- Greek Local Chapter, Athens, May 2015.

817. S.P. Zvada, S. Sy, N. Bauer, M. von Bibra, Daniel ClemensH. Klinker, H. Derendorf, B. Rosenkranz
Population pharmacokinetics of efavirenz among HIV infected South Africans across different age groups including pregnant women
24th PAGE Meeting, Hersonissos, June 2015.

818. F. Azeredo, M. Adelino, C. Assunção da Silva, H. Derendorf, S. Egito
Comparing the fungicidal effect of free amphotericin B with to a novel micelle system against Candida

24th PAGE Meeting, Hersonissos, June 2015.

819. H. Derendorf
An introduction ot pharmacokinetic and phamracodynamic modeling
Emory-Georgia TB Research Training Program, Kazbegi, June 2015.

820. H. Derendorf
Modeling and simulation to streamline drug development – Examples from earth and space
8th Swiss Pharma Science Day, Bern, August 2015.

821. H. Derendorf
Introduction to Pharmacokinetics
ICAAC 2015, San Diego, September 2015.

822. A. Voelkner, T. Hoffmeister, J. Keuth, R. Boone, H. Derendorf
Characterization of retapamulin in vitro activity against Staphylococcus aureau using a semi-mechanistic pharmacodynamics model
ICAAC 2015, San Diego, September 2015.

823. A.N. Deitchman, J. Kast, A. Voelkner, H. Derendorf
Describing tigecycline activity against Pseudomonas aeruginosa: Modeling of in vitro time-kill curves
ICAAC 2015, San Diego, September 2015.

824. N.F. Voelkner, A. Voelkner, S. Sy, P.E. Kima, H. Derendorf
Dose optimization of pyrazinamide based on dermal microdialysis in Wistar rats for cutaneous leishmaniasis treatment
ICAAC 2015, San Diego, September 2015.

825. H. Derendorf
Considering target site concentrations when choosing a dosing regimen
Annual Meeting of the American College of Clinical Pharmacology, San Francisco, September 2015.

826. S.K. Sy, R. Malmberg, A. Matsushima, E. Asin-Preto, B. Rosenkranz, M.F. Cotton, S. Innes, H. Derendorf
Application of a physiologically-based pharmacokinetic model in pediatric stavudine dose reduction
Annual Meeting of the American College of Clinical Pharmacology, San Francisco, September 2015.

827. T. Heinrichs, R. May, R. Kempker, J. Johnson, C. Peloquin, H. Derendorf
Moxifloxacoin and pyrazinamide dose optimization for multi-resistant and extensivelt drug-resistant tuberculosis
Annual Meeting of the American College of Clinical Pharmacology, San Francisco, September 2015.

828. J.K. Mukker, R.S. Singh, M.K. Wimmer, R.P. Singh, H. Derendorf
Physiologically-based pharmacokinetic modeling as a tool for in silico bioequivalence predictions: A case of telmisartan
Annual Meeting of the American College of Clinical Pharmacology, San Francisco, September 2015.

829. S.K. Sy, L. de Kock, B. Rosenkranz, A. Diacon, K. Hernandez, p. Donald, H. Derendorf
Pharmacokinetic interaction of para-aminosalicylic acid and efavirenz in HIV-uninfected and HIV-coinfected tuberculosis patients managed for multidrug-resistant and extensively drug-resistant tuberculosis
Annual Meeting of the American College of Clinical Pharmacology, San Francisco, September 2015.

830. D. de Joeng, A.N. Deitchman, R.S.P. Singh, H. Derendorf
Investigating robustness of proposed models to describe the novel mechanism of atypical plasma protein binding behavior of tigecycline
American Conference on Pharmacometrics 6, Arlington, October 2015.

831. H. Derendorf
Clinical pharmacokinetics in the elderly
III Congresso Sudamericano de Biofarmacia y Farmacocinética, Cordoba, November

2015.

832. J.C. da Costa, N.M.S. Falcao, E.V.S. Motta, B.V. Araujo, H. Derendorf, J.K. Bastos
Pharmacokinetic study of quercitrin andevaluation of free levels in kidney using microdialysis
III Congresso Sudamericano de Biofarmacia y Farmacocinética, Cordoba, November 2015.

833. H. Derendorf
Dosing medications in zero gravity
Science in Space Workshop, Lake Nona, FL, March 2016.

834. H. Derendorf
Drug level monitoring and dosing recommendations – facts and myths
26th ECCMID, Amsterdam, April 2016.

835. H. Derendorf
Locally applied – locally acting drugs: Predictive value of systemic vs. local exposure for efficacy assessment with focus on dermal, pulmonary and ocular application – Scientific aspects and regulatory thinking
20th PK/PD Epert Meeting, Berlin, April 2016.

Research Group

Dr. Gotelind Mullersman (Post-doc)
Dr. Richard Vistelle (Post-doc)
Dr. Jobst Limberg (Post-doc)
Dr. Volker Keuth (Post-doc)
Dr. Hans-Günter Schäfer (Post-doc)
Dr. Klaus Dietzel (Post-doc)
Dr. Burkhard Wichert (Post-doc)
Dr. Long-Shiuh Chen (Post-doc)
Dr. George Henderson (Post-doc)
Dr. Stefan Balbach (Post-doc)
Dr. Siyawosh Moghaddam (Post-doc)
Dr. Andreas Kovar (Post-doc)
Dr. Bernd Meibohm (Post-doc)
Dr. Birgit Pechstein (Post-doc)
Dr. Nelamangala Nagaraja (Post-doc)
Dr. Atul Bhattaram (Post-doc)
Dr. Maria Gogova (Post-doc)
Dr. Rajanikanth Madabushi (Post-doc)
Dr. Susanne Mertens-Talcott (Post-doc)
Dr. Olaf Burkhardt (Post-doc)
Dr. Vipul Kumar (Post-doc)
Dr. Eliane Oliveira Ferreira (Post-doc)
Dr. Marcos Salvador (Post-doc)
Dr. Hao Pan (Post-doc)
Dr. Sreedharan Nair Sabarinath (Post-doc)
Dr. Michael Bewernitz (Post-doc)
Dr. Rajendra Pratap Singh (Post-doc)
Dr. Giscardo Panzavolta (Post-doc)
Dr. Ravi Singh (Post-doc)
Dr. Matthias Fueth (Post-doc)
Dr. Daniel Gonzalez (Post-doc)
Dr. Jatinder Kaur Mukker (Post-doc)
Dr. Jafar Basha Shaik (Post-Doc)
Dr. Andrea Diniz (Post-Doc)
Dr. Valvanera Vozmediano Esteban (Post-Doc)
Dr. Ana Amelia Lira (Post-Doc)

Prof. Maritza Cediel (Visiting Professor)
Prof. Carolina Vivas (Visiting Professor)
Prof. Cioli Rojas (Visiting Professor)
Prof. Dr. Markus Müller (Visiting Professor)
Prof. Dr. Samia Mostafa (Visiting Professor)
Prof. Dr. Bernd Jilma (Visiting Professor)

Prof. Dr. Sandrine Marchard (Visiting Professor)
Prof. Dr. Kazuro Ikawa (Visiting Professor)
Prof. Socrates Egito (Visiting Professor)
Kiman Kim (Visiting Scientist)
Dr. Yan-hong Liu (Visiting Scientist)
Dr. Heinz-Dieter Held (Visiting Scientist)
Marc Rohrschneider (Visiting Scientist)
Xiaoyun Zhang (Visiting Scientist)
Jeong-Woo Lee (Visiting Scientist)
Fenghuan Wei (Visiting Scientist)
Takamasa Endo (Visiting Scientist)
Kewei Zhang (Visiting Scientist)
Maria Eugenia Avilan (Visiting Scientist)

Susan Stout (Graduate Student)
Robert Townsend (Graduate Student)
Matthieu Kaltenbach (Graduate Student)
Sumia Mohamed (Graduate Student)
Arno Nolting (Graduate Student)
Michael Marcon (Graduate Student)
Ajit Suri (Graduate Student)
Shashank Rohatagi (Graduate Student)
Viny Srinivasan (Graduate Student)
Teresa Dalla Costa (Graduate Student)
Pedro Froehlich (Graduate Student)
Sanja Modric (Graduate Student)
Amparo de la Peña (Graduate Student)
Sriram Krishnaswami (Graduate Student)
Ulrike Gräfe (Graduate Student)
Ping Liu (Graduate Student)
Julia Winkler(Graduate Student)
Ariya Khunvichai (Graduate Student)
Dorothee Krone (Graduate Student)
Antina Barger (Graduate Student)
Claudia Kohlert (Graduate Student)
Edgar Schuck (Graduate Student)
Virna Schuck (Graduate Student)
Qi Liu (Graduate Student)
Sabine Wittemer (Graduate Student)
Whocely Victor de Castro (Graduate Student)
Immo Zdrojewski (Graduate Student)
Wanchai Treyaprasert (Graduate Student)
Elizabeth Potocka (Graduate Student)
Stephan Schmidt (Graduate Student)
Yanjun Li (Graduate Student)
Jiang Liu (Graduate Student)

Jian Xu (Graduate Student)
April Barbour (Graduate Student)
Oliver Ghobrial (Graduate Student)
Martina Sahre (Graduate Student)
Rong Shi (Graduate Student)
Runa Naik (Graduate Student)
Manuela Vieira (Graduate Student)
Julia Glöde (Graduate Student)
Benjamin Wu (Graduate Student)
Daniel Gonzalez (Graduate Student)
Daniela Conrado (Graduate Student)
Zhuang Luning (Graduate Student)
Carolina de Miranda Silva (Graduate Student)
Yuanqing Yan (Graduate Student, with Maria Grant)
Xuyang Song (Graduate Student)
Kotchaphan Chooluck (Graduate Student)
Li Li (Graduate Student)
Sherwin Sy (Graduate Student)
Aline Barth (Graduate Student)
Manasa Tatipalli (Graduate Student)
Mingming Yu (Graduate Student)
Alexander Voelkner (Graduate Student)
Nivea Falcao (Graduate Student)
Ingorn Prasanchaimontri (Graduate Student)
Amelia Deitchman (Graduate Student)
Joseline Ruela (Graduate Student)
Johannes Kast (Graduate Student)
Eduardo Asín Prieto (Graduate Student)
Juliana de Carvalho da Costa (Graduate Student)
Frederico Severino Martins (Graduate Student)
Aoi Matsushima (Graduate Student)
Vipada Khaowroongrueng (Graduate Student)
Yichao Yu (Graduate Student)
Abhigyan Ravula (Graduate Student)
Tobias Heinrichs (Graduate Student)
Di Bei (Graduate Student)
Taiki Nishimoto (Graduate Student)
Ana Paula Lancanova Moreira (Graduate Student)

Martina Butschkau (Research Intern)
Sophie Toufflin (Research Intern)
Jean-Frederic Lefevre (Research Intern)
Yau-Lin Kan (Research Intern)
Elsbeth Brunt (Research Intern)
Tessa Ververs (Research Intern)
Olivier Makil (Research Intern)
Herbert Schmidt (Research Intern)

Hanneke Schreurs (Research Intern)
Bettina Goldberg (Research Intern)
Myriam Damoiseaux (Research Intern)
Ewoud van Winden (Research Intern)
Andrea Soldner (Research Intern)
Jan Georg Möller (Research Intern)
Eric Galia (Research Intern)
Bart Metselaar (Research Intern)
Heike Bauer (Research Intern)
Christine Schäfer (Research Intern)
Ulrike Gräfe (Research Intern)
Andrea Hämmerlein (Research Intern)
Christine Wellsow (Research Intern)
Meyling Cheok (Research Intern)
Otmar Abbas (Research Intern)
Anne Gräbe (Research Intern)
Jana Pfeifer (Research Intern)
Cornelia Dressler (Research Intern)
Ulrike Krauss (Research Intern)
Frank Deselaers (Research Intern)
Julia Kurz (Research Intern)
Petra Lensing (Research Intern)
Olaf Orthen (Research Intern)
Daniel Svedmyr (Research Intern)
Kennia Rocha Rezende (Research Intern)
Susanne Kunz (Research Intern)
Marion Stoll (Research Intern)
Nahal Ketabi (Research Intern)
Jörg Stütz (Research Intern)
Marion Hirt (Research Intern)
Michaela Karmann (Research Intern)
Juliane Platz (Research Intern)
Richard Fuhrherr (Research Intern)
Sabine Hintze (Research Intern)
Saskia Stilke (Research Intern)
Nina Lamberty (Research Intern)
Anja Klein (Research Intern)
Irene Rinas (Research Intern)
Immo Zdrojewski (Research Intern)
Jana Kroll (Research Intern)
Christian Scheerans (Research Intern)
Christian Hampp (Research Intern)
Ralph Rüdiger Holl (Research Intern)
Dirk Krane (Research Intern)
Nina Schulte-Loebbert (Research Intern)
Birgit Hempsch (Research Intern)
Stephan Schmidt (Research Intern)

Stefan Galler (Research Intern)
Anne Wandrey (Research Intern)
Sarah Thum (Research Intern)
Anne Wandrey (Research Intern)
Anke Rubner (Research Intern)
Melanie Hübner (Research Intern)
Vanessa Klett (Research Intern)
Franziska Ihle (Research Intern)
Matthias Fueth (Research Intern)
Sarah Dizayee (Research Intern)
Philos Shtapit (Research Intern)
Dörthe Ludwig (Research Intern)
Kira Namockel (Research Intern)
Martina Sahre (Research Intern)
Sandra Weiss (Research Intern)
Rebecca Banks (Research Intern)
Katharina Röck (Research Intern)
Benjamin Ma (Research Intern)
Christiane Müller (Research Intern)
Nina Kranz (Research Intern)
Franziska Koenner (Research Intern)
Nora Siegle (Research Intern)
Arnaud Dufraisse (Research Associate)
Alexander Völkner (Research Intern)
Almuth Kaune (Research Intern)
Julia Legler (Research Intern)
My-Hanh Nguyen (Research Intern)
Gesa Nippel (Research Intern)
Sebastian Wicha (Research Intern)
Michael Pötzsch (Research Intern)
Malte Christophersen (Research Intern)
Nívea Falcão (Research Intern)
Manuel Haas (Research Intern)
Christina Wörtz (Research Intern)
Theresa Müller (Research Intern)
Helen Habteab (Research Intern)
Isabelle Frensch (Research Intern)
Jan Frederik Schlender (Research Intern)
Nina Deppisch (Research Intern)
Julie Straub (Research Intern)
Annette Raab (Research Intern)
Maria Alice Maciel Tabosa (Research Intern)
Noely Camila Tavares Cavalcanti (Research Associate)
Philipp Kircher (Research Intern)
Almut Glinzer (Research Intern)
Kathrin Loeblein (Research Intern)
Mareike Mieroff (Research Intern)

Christian Grunwitz (Research Intern)
Marlene Kissel (Research Intern)
Clemens Lux (Research Intern)
Johannes Merkle (Research Intern)
Midas Mulder (Research Intern)
Emilien Folzer (Research Intern)
Claudia Al-Karawi (Research Intern)
Christian Frank (Pharmacist, Research Assoicate)
Johanna Kurre (Research Intern)
Robin Tremmel (Pharmacist, Reseacrch Associate)
Christoph Steinhauser (Research Intern)
Elisabeth Schmitz (Research Intern)
Marina Weissenborn (Research Intern)
Sebastian Pieper (Research Intern)
Franziska Benker (Research Intern)
Melisa Softa (Research Intern)
Miguel Adelino (Research Intern)
Henrique Marcelino (Research Intern)
Katarina Reljac (Research Intern)
Severin Strasser (Research Intern)
Julia Richartz (Research Intern)
Nora Brüll (Research Intern)
Lena Klopp-Schulze (Research Intern)
Jules Heuberger (Research Intern)
Hester van der Helden (Research Intern)
Benjamin Gavalda (Research Intern)
Jean-Baptiste Balen (Research Intern)
Nina Werries (Research Intern)
Maurice El Talia (Research Intern)
Michaela Wimmer (Research Intern)
Cordula Heinrichs (Research Intern)
Stephanie Drescher (Research Intern)
Corrrentin Guy (Research Intern)
Tim Schumacher (Research Intern)
Bettina Graupner (Research Intern)
Ruben Malmberg (Research Intern)
Lukas Diederich (Research Intern)
Mareike Ahrends (Research Intern)
Britta Krampe (Research Intern)
Dorothee Ressing (Research Intern)
Lukas Diederich (Research Intern)
Sylvia Kunze (Research Intern)
Olga Zabela (Research Intern)
Justus Garve (Research Intern)
Laura Laqua (Research Intern)
Elsa Neubert (Research Intern)
Fabian Heider (Research Intern)

Meike Hasenzahl (Research Intern)
Johanna Weitzel (Research Intern)
Anna Zoehner (Research Intern)
Juliane Hermes (Research Intern)

Funding for Research

1983 Division of Sponsored Research, University of Florida, New Faculty Research Support ($9,480).

Hoechst-Roussel Pharmaceuticals, Inc. (with R.L. Yost) Prepharmacokinetic studies on cefotaxime and its metabolites ($7,000).

Hoechst-Roussel Pharmaceuticals, Inc. (with R.L. Yost) Pharmacokinetic studies in morbidly obese patients using cefotaxime ($22,000).

College of Pharmacy, University of Florida
Biomedical Research Support Grant ($5,000).

Perkin-Elmer Corp.
Research Donation ($2,687).

State of Florida
Development of electrochemical techniques to determine morphine - derivatives ($4,000).

1984 State of Florida
Development of electrochemical techniques to determine morphine- derivatives ($24,000).

College of Pharmacy, University of Florida
Biomedical Research Support Grant
($5,000).

Hugh Little
Research Donation ($l2,000).

1985 Boots Inc. (with J. Perrin)
Bioavailability of codeine and ibuprofen ($65,520).

State of Florida
Development of electrochemical techniques to determine morphine - derivatives ($24,000).

Boots Inc. (with J. Perrin)
Plasma levels of a new ibuprofen formulation
($22,464).

Glaxo Inc.
Interaction of sucralfate and ranitidine ($9,000).

Boots Inc. (with J. Perrin)
Bioavailability of ibuprofen suspensions ($13,690).

1986 College of Pharmacy, University of Florida
Biomedical Research Support Grant ($1,950).

Janssen Pharmaceuticals
Comparison of Sufentanil vs Fentanyl vs Isoflurane in Neuroanesthesia (PI B. L. Grundy, $35,000).

Cyanamid
Interaction between diclofenac and triamcinolone acetate ($5,000).

Embil Pharmaceuticals
Analysis and stability of conjugated estrogens ($1,500).

State of Florida
Development of electrochemical techniques to determine morphine - derivatives ($18,638).

1987 Hoechst
Pharmacokinetics of methylprednisolone phosphate ($10,000).

Hoffmann-LaRoche
Erythrocyte binding of fleroxacin ($8,300).

Pharmatec Inc.
Bioavailability of estradiol-CDS ($9,000).

Merck (with J. Perrin)
Pharmacokinetic interactions between glipizide and lovastatin ($10,395).

1988 Organon
Pharmacokinetics of intraarticular glucocorticoids ($10,816).

Schering
Bioavailability of theophylline ($25,760).

Pharmatec Inc.
Bioavailability of estradiol-CDS ($18,000).

1989 Pharmatec Inc.
Bioavailability of estradiol-CDS ($30,000).

Xenon Inc. (with G. Hochhaus)
Pharmacokinetics of glucocorticoids ($11,000)

Bristol-Myers (with H. Schreier)
Amikacin microemulsions for drug delivery ($24,000)

1990 Pharmatec Inc.
Bioavailability of estradiol-CDS ($20,000).

PMA Foundation
Evaluation of calcium blocker/beta blocker interactions ($5,000)

Bristol-Myers (with H. Schreier)
Amikacin microemulsions for drug delivery ($46,000.00)

Xenon Inc. (with G. Hochhaus)
Pharmacokinetics of loteprednol in dogs ($16,000.00)

1991 Xenon Inc.
Stability of soft drugs ($3,500.00)

Thomae (with G. Hochhaus)
Pharmacokinetics and pharmacodynamics of dexamethasone isonicotinate ($43,000.00)

Schering-Plough
Graduate Student Fellowship ($15,000.00)

NASA
Effects of simulated microgravity on the pharmacokinetics and pharmacodynamics of antibiotics ($22,000)

1992 Dept. of Anesthesiology, University of Florida
Patient controlled morphine analgesia ($2,000)

Hefa Frenon (with G. Hochhaus)
Pharmacokinetics of dexamethasone sulfobenzoate ($10,000)

Dorsch
Pharmacokinetics and pharmacodynamics of prednisolone ($10,000)

Schering-Plough
Graduate Student Fellowship ($15,000)

Daniels Pharmaceuticals, Inc.
Research Donation ($30,000)

Hartford Foundation (with D. Lowenthal)
Hepatic Blood Flow and Propranolol Kinetics in Response to Exercise Training in the Elderly ($5,000)

Pfizer, Inc.
Evaluation of analgesic activity using tooth pulp evoked potentials ($42,350)

NIH RO1 GM45922 (co-PI, with R. Gonzalez-Rothi)
Targeted Liposomal Corticoids for Lung Immunomodulation ($156,563)

1993 Schering-Plough
Graduate Student Fellowship ($15,000)

NIH RO1 GM45922 (co-PI, with R. Gonzalez-Rothi)
Targeted Liposomal Corticoids for Lung Immunomodulation ($163,234)

Falk (with G. Hochhaus)
Pharmacokinetics of Corticosteroids ($40,000)

1994 Glaxo Inc. (with G. Hochhaus)
Pharmacokinetics and Pharmacodynamics of Corticosteroids ($120,000)

Byk-Gulden (with G. Hochhaus)
Pharmacokinetics of Corticosteroids ($25,000)

NIH RO1 GM45922 (co-PI, with R. Gonzalez-Rothi)
Targeted Liposomal Corticoids for Lung Immunomodulation ($163,234)

Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics ($50,000)

Falk (with G. Hochhaus)
Pharmacokinetics of Corticosteroids ($60,000)

1995 Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics
($50,000)

Falk (with G. Hochhaus)
Pharmacokinetics of Corticosteroids ($15,000)

1996 Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics
($50,000)

Boehringer Ingelheim (with G. Hochhaus)
Pharmacokinetics of Corticosteroids ($237,440.00)

1997 Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics
($50,000)

Hexal
Pharmacokinetics and Pharmacodynamics of Antibiotics
($40,000)

NIH N01-A1-75317
Pathobiology and Treatment of Malaria in Africa (co-I,
with P. Stacpoole)
($536,389)

NASA
Undergraduate Space Research Grant (with J. Hughes)
($4,000)

Boehringer Ingelheim (with G. Hochhaus)
Pharmacokinetics of Corticosteroids in Humans
($146,020)

1998 Glaxo-Wellcome
Pharmacokinetics and Pharmacodynamics of
Corticosteroids (with G. Hochhaus)
($154,560)

Hexal
Pharmacokinetics and Pharmacodynamics of Antibiotics
($40,000)

Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics
($50,000)

Boehringer Ingelheim (with G. Hochhaus)
Pharmacokinetics of Corticosteroids in Mice
($13,600)

Berlex
Stability of fludarabine
($5,000)

1999 Hexal
Pharmacokinetics and Pharmacodynamics of Antibiotics
($25,000)

Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics
($35,000)

Wyle Laboratories
Pharmacokinetics of flurazepam
($9,000)

2000 Hexal
Pharmacokinetics and Pharmacodynamics of Antibiotics
($25,000)

Sankyo
Pharmacokinetics and Pharmacodynamics of Cefpodoxime
($37,500)

Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics
($25,000)

Tropical Aquaculture Laboratory
Pharmacokinetics of Flurfenicol
($12,075)

Bayer
Pharmacokinetics and Pharmacodynamics of Faropenem
($46,875)

2001 Sankyo
Pharmacokinetics and Pharmacodynamics of Cefpodoxime

($62,500)

Bayer
Deyermination of kill curves of Faropenem
($187,500)

Cyanamid
Pharmacokinetics and Pharmacodynamics of Antibiotics
($25,000)

CAPES
Bioavailability of 4-Nerolidylcatechol
($5,774)

Berlex
Stability and Sterility of Campath
($5,000)

2002 Sankyo
Protein Binding of Cefpodoxime
($12,500)

Innaphase
Pharmacokinetic/pharmacodynamic Modeling
($30,000)

Wyeth
Pharmacokinetics and Pharmacodynamics of Antibiotics
($25,000)

Center for Biological Defense (with J. Hughes)
Expression of Defensins as Novel Anthrax Agents
($125,000)

2003 Sankyo
Pharmacodynamics of Cefpodoxime
($75,000)

Florida Department of Citrus
Drug Interaction with Citrus Fruits
($24,000)

US Department of Agriculture
Grapefruit Juice-Drug Interaction
($232,180)

2004 Wyeth

Pharmacokinetics and Pharmacodynamics of Antibiotics
($25,000)

Eisai
Microdialysis in Tissues
($5,000)

US Department of Agriculture
Grapefruit Juice-Drug Interaction
($207,085)

Pfizer
Pharmacokinetics and Skin Microdialysis of Cefpodoxime
($80,000)

State of Florida Department of Citrus
Analysis of Atorvastatin
($80,000)

2005 State of Florida Department of Citrus
Drug Interactions with Grapefruit Juice
($20,000)

US Department of Agriculture
Grapefruit Juice-Drug Interaction
($321,318)

Pfizer
Graduate Student Support
($100,000)

Merck
Graduate Student Support
($50,000)

2006 Geni Herbs
Bioavailability and antioxidant effects of Pomella, a Pomegranate extract
($15,437)

Pfizer
Graduate Student Support
($100,000)

Johnson & Johnson
In vitro study investigating the effects of

antibiotics on bacterial strains
($163,125)

Golin & Harris
Drug Interaction Website
($5,000)

Johnson & Johnson
Microdialysis validation of ceftobiprole
($43,650)

US Department of Agriculture
Grapefruit Juice-Drug Interactions After Acute and Chronic Use (with V. Butterweck)
($317,933)

Merck
Graduate Student Support
($50,000)

2007 Johnson & Johnson
Evaluation of BAL9141 Solution
($14,650)
Johnson & Johnson
An Exploratory Study to Evaluate the Penetration of Ceftobiprole Into Soft Tissue Determined by In Vivo Microdialysis in Healthy Volunteers
($272,845)

Pfizer
Graduate Student Support
($100,000)

Merck
Graduate Student Support
($50,000)

2008 Johnson & Johnson
Pharmacokinetics of Ceftobiprol
($22,000)

Trius
In vitro PK/PD Investigations of TR-700
($163,125)

Trius

Microdialysis Validation of TR-700
($37,500)

Merck
Graduate Student Support
($50,000)

Pfizer
Graduate Student Support
($100,000)

Golin & Harris
Drug Interaction Website
($5,000)

Trius
Microdialysis Study TR-701-102
($325,250)

Glaxo SmithKline Croatia
Disease Modeling in Psoriasis
($37,500)

Johnson&Johnson
Microdialysis Validation of a new Fluoroquinolone Antibiotic
($43,950)

Florida Department of Citrus
Drug Interactions
($40,000)

2009 Pfizer
Graduate Student Support
($100,000)

Golin & Harris
Drug Interaction Website
($5,000)

Johnson&Johnson
Microdialysis of a new Fluoroquinolone Antibiotic
($304,586)

2010 Pfizer
Graduate Student Support
($100,000)

Roche
Optimizing SiRNA Delivery Dosage Form Design For Receptor-Mediated Endocytosis
($337,740)

Clinical and Translational Science Institute (CTSI)
Pharmacokinetic / Pharmacodynamic Modeling of the Psychomotor Vigilance, Simulated Driving, Go/No-Go Performance, and Electroencephalogram Effects of Armodafinil in Sleep Deprived Healthy Adults
($62,500)

UF Research Opportunity Fund
Intravaginal Delivery of Novel Tumoricidal Penetratin-Tagged Small Decoy Peptides Using Thermosensitive and Mucoadhesive Biopolymers as an Efficacious and Cost-Effective Alternative Treatment for Cervical Cancer
(PI Stephen Hsu)
($85,000)

Boehringer Ingelheim
Comparative Dissolution Study of Commercial Telmisartan Tablets
($78,417)

Florida Department of Citrus
Drug Interactions
($40,000)

2011 Pfizer
Graduate Student Support
($100,000)

FDA
Effect of skin type and other factors on transdermal bioequivalence
($500,000)

GSK Stiefel Laboratories
Disease Modeling in Acne
($30,000)

State of Florida
Detection, Prevention and Treatment of Vector Borne Diseases in Florida (PI G. Hochhaus, co-PI G. Morris)
($275,000)

JMJ Technologies, Inc.
Physiological based pharmacological modeling for second and third hand exposure to opiates in children in Afghanistan
($12,500)

UF Opportunity Fund
Intravaginal Delivery of Novel Tumoricidal Penetratin-Tagged Small Decoy Peptides Using Thermosensitive and Mucoadhesive Biopolymers as an Efficacious and Cost-Effective Alternative Treatment for Cervical Cancer
(PI Stephen Hsu)
($17,600)

Golin & Harris
Drug Interaction Website
($5,000)

2012 Pfizer
Graduate Student Support
($100,000)

Astra Zeneca
In vitro PK/PD investigations of Beta-Lactam/Beta-Lactamase-Combinations for the treatment of infections caused by multidrug resistant Gram-negative bacteria
(I)
($36,625)

Astra Zeneca
In vitro PK/PD investigations of Beta-Lactam/Beta-Lactamase-Combinations for the treatment of infections caused by multidrug resistant Gram-negative bacteria
(II)
($131,120)

Florida Department of Citrus
Drug Interactions
($120,000)

Golin & Harris
Drug Interaction Website
($5,000)

CUBRC, Inc.
Two phase protein binding study in six species
($87,500)

2013 Pfizer
Graduate Student Support
($100,000)

Florida Department of Citrus
Drug Interaction Center
($45,000)

Emory University
Intracavitary Drug Levels in Patients with Drug Resistance (with C. Peloquin)
($10,195)

Golin & Harris
Drug Interaction Website
($5,000)

2014 Pfizer
Graduate Student Support
($100,000)

Florida Department of Citrus
Drug Interaction Center
($45,000)

GlaxoSmithKline
A Study to Evaluate the Feasibility of Microdialysis
($143,805)

Clinical and Translational Science Institute (CTSI)
Tigecycline-tetracycline coadministration for the treatment of Pseudomonas aeruginosa infections
($24,953)

Golin & Harris
Drug Interaction Website
($5,000)

Emory University
Intracavitary Drug Levels In Patients With Drug Resistant Tuberculosis (with C. Peloquin)
($13,349)

GlaxoSmithKline
Postdoctoral Support
($62,624)

2015 Pfizer
Graduate Student Support
($100,000)

Florida Department of Citrus
Drug Interaction Center
($45,000)

GlaxoSmithKline
Postdoctoral Support
($64,503)

Clinical and Translational Science Institute (CTSI)
Effect of armodafinil on simulated driving, electroencephalogram and cognitive performance in sleep deprived healthy subjects
($22,745)

Roche
Determination of interstitial concentrations of therapeutic antibody immunoglobulin in tissues
($290,245)

University of Florida
PROSPER Award
Effect of armodafinil on simulated driving, electroencephalogram and cognitive performance in sleep deprived healthy subjects
($20,000)

NASA/Universities Space Research Association (USRA)
Inflight Pharmacokinetic and Pharmacodynamic Responses to Medications Commonly used in Spaceflight
($351,228)

Golin & Harris
Drug Interaction Website
($5,000)

GlaxoSmithKline
Development of a microdialysis technique
($89,829)

2016 Pfizer
Graduate Student Support
($100,000)

GlaxoSmithKline
Postdoctoral Support
($151,662)

Golin & Harris
Drug Interaction Website
($5,000)