

CURRICULUM VITAE

NAME: Terrence F. Blaschke, M.D.

CURRENT TITLE: Professor of Medicine and of Molecular Pharmacology (Emeritus)

Education Advisor, UCSF-Stanford CERSI
Chief Science Officer, Arcady LLC
Consultant, Bill and Melinda Gates Foundation
Faculty Fellow, Stanford Center for Innovation in Global Health

CITIZENSHIP: United States

EDUCATION:

1960 - 1964 B.S., University of Denver, Denver, Colorado; Centennial Scholar, Honors Program, Major Subject: Mathematics (Cum Laude).

1964 - 1968 M.D., Columbia University College of Physicians and Surgeons, New York, New York

CLINICAL TRAINING:

1968 - 1969 Intern in Medicine, University of California Center for Health Sciences, Los Angeles, California

1969 - 1970 Assistant Resident in Medicine, University of Calif. Center for Health Sciences, Los Angeles, CA

1970 - 1972 Clinical Associate, Metabolism Branch, National Cancer Institute, National Institutes of Health, Bethesda, Maryland

1972 - 1974 Clinical Fellow, Division of Clinical Pharmacology, Department of Medicine, University of California, San Francisco Medical Center, San Francisco, CA

RESEARCH TRAINING:

- 1965 (summer) Medical Student Summer experience, Department of Pathology, University of Colorado Medical Center, Denver, Colorado
- 1970 – 1972 Clinical Associate, Metabolism Branch, NCI, NIH
- 1972 – 1974 Research Fellow, Division of Clinical Pharmacology, University of California, San Francisco Medical Center
- 1980 – 1981 Visiting Worker, Division of Molecular Pharmacology, National Institute for Medical Research, London, England
- 1990 (6 mos.) Visiting Worker, Center for Biopharmaceutical Sciences, University of Leiden, and Department of Medical Information Sciences, Erasmus University, The Netherlands.

POSITIONS:

- 1974 – 1981 Assistant Professor of Medicine (Clinical Pharmacology) Stanford University School of Medicine, Stanford, CA
- 1978 – 2003 Chief, Division of Clinical Pharmacology
- 1978 – 1981 Assistant Professor of Pharmacology, Stanford University School of Medicine, Stanford, CA
- 1981 – 1991 Associate Professor of Medicine (Clinical Pharmacology) and of Pharmacology, Stanford University School of Medicine
- 1991 – 2006 Professor of Medicine (Clinical Pharmacology) and of Molecular Pharmacology, Stanford University School of Medicine
- 1997 Visiting Faculty, Moi University School of Medicine, Eldoret, Kenya (2 mos.)
- 1997 – 1998 Visiting Professor, Georgetown University Center for Drug Development Science and Special Government Employee, OCPB/FDA/CDER (November 1997 - March 1998, 5 mos.)
- 2000 – 2002 Vice President, Methodology and Science, Pharsight Corporation, Mountain View, CA
- 2001 – Adjunct Professor, Department of Bioengineering and Therapeutic Sciences, School of Pharmacy, University of California, San Francisco
- 2002 – 2006 Associate Dean for Medical Student Advising, Stanford University
- 2006 – 2012 Medical Student Academic Advising Dean
- 2002 – 2005 Associate Director, Stanford General Clinical Research Center
- 2005 – Adjunct Professor, Department of Medicine, Indiana University School of Medicine

2012 – 2016 Senior Program Officer, Global Health Discovery and Translational Medicine and Senior Advisor, Integrated Development, Quantitative Sciences, Bill and Melinda Gates Foundation

CERTIFICATION AND LICENSURE:

1969 Diplomate, National Board of Medical Examiners
1972 Medical License, State of California
1973 Diplomate, American Board of Internal Medicine
1991 Diplomate, American Board of Clinical Pharmacology (Charter Member)

MILITARY SERVICE

1970 –1972 Commissioned Officer, United States Public Health Service

AWARDS; HONORS:

Phi Beta Kappa

Alpha Omega Alpha (Junior year)

Recipient, Pharmaceutical Manufacturers Association Foundation Faculty Development Award in Clinical Pharmacology

Recipient, Burroughs-Wellcome Scholar Award in Clinical Pharmacology

Recipient, RCDA from NIGMS 1978 - 1983

Stanford University School of Medicine Henry J. Kaiser Award for Outstanding Contributions to Medical Education – 1999

Recipient, Rawls-Palmer Progress in Medicine Lecture and Award of the American Society for Clinical Pharmacology and Therapeutics (ASCPT) – 2002

Honorary Fellowship Award, American College of Clinical Pharmacology (ACCP) – 2004

Recipient, Henry W. Elliott Distinguished Service Award of the American Society for Clinical Pharmacology and Therapeutics (ASCPT) – 2006

Recipient, Oscar B. Hunter Award of the American Society for Clinical Pharmacology and Therapeutics (ASCPT) – 2007

Recipient, 2014 Award in Excellence in Clinical Pharmacology, PhRMA Foundation

SOCIETIES; PROFESSIONAL ACTIVITIES:

American Society for Clinical Pharmacology and Therapeutics (ASCPT)

President (1988 – 1989)

Associate Secretary-Treasurer (1990 – 1992)

Chairman, ASCPT Liaison Committee for Clinical Pharmacology (1985 – 1989)

Chairman, Scientific Program Committee (1986 – 1987)

Chairman, Long Range Planning Committee (1992 – 1994)

Scientific Awards Committee (Chairman, 1997 – 2000, Member, 2003 – 2005)

Scientific Awards Nomination Task Force (2012 – present)

American Society of Pharmacology and Experimental Therapeutics

Member, Executive Committee of the Clinical Pharmacology Division (1986 –1989)

Chair, Clinical Pharmacology Division (2002 – 2003)

American Board of Clinical Pharmacology, Board of Governors (1990 – 1992)

Organizing Committee, International Workshop on Clinical Pharmacology of HIV Therapy

Organizing Committee, International Workshop on Clinical Pharmacology of Hepatitis Therapy

Western Association of Physicians

Western Pharmacology Society

Center for Drug Development Science, Scientific Advisory Board Member

Scientific Advisory Committee, Institute for OneWorld Health (2004 – 2010)
Medical Advisor, Guthy-Jackson Charitable Foundation (2008 – present)
Fellow, Royal College of Physicians of Edinburgh (2010)

EDITORIAL BOARDS AND STUDY SECTIONS:

Journals, Books, Websites:

Associate Editor, Annual Review of Pharmacology and Toxicology (1989 – present)
Executive Editor, British Journal of Clinical Pharmacology (2008 – 2013)
Editorial Board, Clinical Pharmacology and Therapeutics (1981 – 2014)
Editorial Board, Drug Metabolism and Disposition (1994 – 2000)
Editorial Board, Drug Therapeutics: Concepts for Physicians (1978 – 1981)
Editorial Board, Rational Drug Therapy (1984 –1985)
Editorial Board, Drug Interaction Facts (1983 – 1987)
Editorial Board, <http://www.hivpharmacology.com/> (2001 –)
Editorial Board, Clinical and Translational Science (2008 –)

Study Sections:

Member, Pharmacology Study Section, DRG, National Institutes of Health (1979 – 1983)
Member, VA Merit Review Board for Clinical Pharmacology, Alcohol & Drug Dependence (1984 –1986)
Member, California Heart Association Northern Peer Review Subcommittee (1978 – 1979)

COMMITTEES:

State:

State of California Department of Health Services
Medi-Cal Drug Use Review Board (1993 – 1997)

National:

AIDS Clinical Trials Group (ACTG) Program, NIAID, NIH
Chairman, Pharmacology Committee, (1990 – 1992)
Executive Committee, (1993 – 1997)
United States Pharmacopeia
1995-2000 USP Committee of Revision; Chair, Panel on Drug Utilization Review
Food and Drug Administration
Generic Drugs Advisory Committee, Chair, (1990 – 1994)
Search Committee, Director, Center for Drug Evaluation and Research, 1993
Expert Consultant, Division of Biopharmaceutics, (1976 – 1980)
Special Government Employee, OCPB/FDA/CDER (Nov 1997 – 2007)
Member, Nonprescription Drugs Advisory Committee (2003 – 2007)
Merck Foundation
Member, Selection Committee, Merck Sharp and Dohme International Fellowships in Clinical Pharmacology (1990 – 1994)
Pharmaceutical Research and Manufacturers of America (PhRMA) Foundation
Member, Clinical Pharmacology Advisory Committee (1990 – present)
Merck Sharp and Dohme Research Laboratories, Rahway NJ
Member, Board of Scientific Advisors (Human Health) (1986 – 1990)
American College of Physicians
Chairman, Clinical Pharmacology Section, MKSAP VIII
Federation of State Medical Boards and the National Board of Medical Examiners
Member, USMLE Step 3 Computer-based Case Simulation Test Material Development Committee

Stanford Committees/Activities (Past)

Course Director, Preparation for Clinical Medicine (Part C, Clinical Reasoning)(1992 – 2000)
Berry Fellows Program Advisory Committee
Department of Medicine Committee on the Voluntary Clinical Faculty (Co-Chair)
Associate Director, Stanford University School of Medicine General Clinical Research Center

SUH Quality Assurance Control Committee
SUH Health Promotion Advisory Board
SUH Pharmacy and Therapeutics Committee (Chair)
Medical School Computing Committee
University Faculty Senate
School of Medicine Committee on Courses and Curriculum
Stanford University Subcommittee on the Evaluation and Improvement of Teaching (S-CEIT)
General Clinical Research Center Advisory Committee (Chairman, 1987 – 1990)
Center for AIDS Research (CFAR), Senior Member
Center for Advanced Medical Information Sciences (CAMIS), Executive Committee
Department of Medicine Appointments and Promotions Committee
Stanford Representative to the Research and Development Committee at the PAVAHCS
Medical School Faculty Senate
Internal Advisory Committee, PharmGKB Pharmacogenomics database, Stanford (NIGMS)
External Advisory Committee, U19 Center of Excellence in Translational Research: ViRx@Stanford

OTHER RELEVANT EXPERIENCE:

I am a past chair of the Generic Drugs Advisory Committee, and a former member of the Nonprescription Drugs Advisory Committee of the FDA. I chaired the Drug Utilization Review Panel of USP from 1995-2000. I continue to consult for a number of pharmaceutical firms. I serve on the Charter Science Board of the Center for Drug Development Science located at the University of California Medical Center, San Francisco and the University of California in Washington, D.C.

I was a member of the Board of Directors of two public early-stage development companies, Therapeutic Discovery Corporation and Crescendo Pharmaceuticals, both of which were founded by ALZA Corporation. I am currently a member of the Board of Directors of DURECT Corporation in Cupertino, California. From January 2000 until June 2002 I was on a leave of absence from Stanford and served as vice president, methodology and science at Pharsight Corporation, a company with which I was associated since its founding in 1995. In that setting, I worked closely with several large pharmaceutical companies on drug development programs. In November 2012 I joined the Bill and Melinda Gates Foundation as a Senior Program Officer in the Global Health Discovery and Translational Sciences group, overseeing projects in several therapeutic areas (HIV, Enteric and Diarrheal Diseases, Tuberculosis, and others)

ACADEMIC RESEARCH INTERESTS:

My prior Stanford research activities involved studies on the clinical pharmacology of drugs used in HIV-infected patients. Although I currently no longer have an active laboratory, I continue to collaborate with other investigators working in this field.

A focus of my research on drugs used in MTB or HIV-infected patients has been to optimize the individual benefit/risk of pharmacotherapy of HIV or MTB by discovering and quantifying the pharmacokinetics and pharmacodynamics (PK/PD) of drugs used in such therapy; i.e., the distribution of individual-specific dose-concentration-effect relationships in the population. I have a special interest in understanding the relationships between antiviral drug exposure and virological and toxicological responses. This involves studies examining drug-taking behavior in these patients, since exposure is a function of individual variability in pharmacokinetics and of individual patterns of drug-taking behavior.

At the Gates Foundation my interests continue to be that of improving the adherence to and outcomes of antiretroviral and anti-tuberculosis drugs in patients living in less-developed countries. Poor adherence carries a high risk of promoting drug resistant variants of HIV and MTB that could have widespread consequences over the long term. Sources of variability in drug disposition is another area of interest, as are drug-drug interactions between antiretroviral drugs and drugs used to treat opportunistic infections, in particular drugs used to treat tuberculosis or malaria.

BIBLIOGRAPHY

ORIGINAL ARTICLES:

1. Berk PD, Bloomer JR, Howe RB, Blaschke TF, and Berlin NI: Bilirubin production as a measure of red cell life span. *JOURNAL OF LABORATORY AND CLINICAL MEDICINE* **79**:364-378, 1972.
2. Berk PD, Blaschke TF, and Waggoner JG: Defective BSP clearance in patients with constitutional hepatic dysfunction (Gilbert's Syndrome). *GASTROENTEROLOGY* **63**:472-481, 1972.
3. Berk PD and Blaschke TF: Detection of Gilbert's Syndrome in patients with hemolysis, using radioactive chromium. *ANNALS OF INTERNAL MEDICINE* **77**:527-531, 1972.
4. Blaschke TF and Berk PD: Augmentation of bilirubin-UDP-glucuronyl transferase activity in rat liver homogenates by glutethimide. *PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE* **140**:315-318, 1972
5. Blaschke TF, Elin RJ, Berk PD, Song CS and Wolff SM: The effect of induced fever on sulfobromophthalein kinetics in man. *ANNALS OF INTERNAL MEDICINE* **78**:221-226, 1973.
6. Berk PD, Rodkey FL, Blaschke TF, Collison HA and Waggoner JG: Comparison of plasma bilirubin turnover and carbon monoxide production in man. *JOURNAL OF LABORATORY AND CLINICAL MEDICINE* **83**:29-37, 1974.
7. Blaschke TF, Berk PD, Rodkey FL, Scharschmidt BF, Collison HA and Waggoner JG: Drugs and the liver: 1. Effects of glutethimide and phenobarbital on hepatic bilirubin clearance, plasma bilirubin turnover and carbon monoxide production in man. *BIOCHEMICAL PHARMACOLOGY* **23**:2795-2806, 1974.
8. Blaschke TF, Berk PD, Scharschmidt BF, Guyther JR, Vergalla JM and Waggoner JG: Crigler-Najjar Syndrome: an unusual course with development of neurologic damage at age 18. *PEDIATRIC RESEARCH* **8**:573-590, 1974.
9. Berk PD, Scharschmidt BF and Blaschke TF: Hepatic bilirubin clearance (CBR) in the differential diagnosis of unconjugated hyperbilirubinemia. 1. Estimation of CBR from studies with radiochromium. *EPATOLOGIA* **20**:245-256, 1974.
10. Blaschke TF, Meffin PJ, Melmon KL and Rowland M: Influence of acute viral hepatitis on phenytoin kinetics and protein binding. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **17**:685-691, 1975.
11. Patterson JR, Blaschke TF, Hunt KK and Meffin PJ: Lidocaine blood concentration during fiberoptic bronchoscopy. *AMERICAN REVIEW OF RESPIRATORY DISEASES* **112**:53-57, 1975.
12. Martin JF, Mikulecky M, Blaschke TF, Waggoner JG, Vergalla J and Berk PD: Differences between the plasma indocyanine green disappearance rates of normal men and women. *PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE* **150**:612-617, 1975.
13. Berk PD, Blaschke TF, Scharschmidt BF, Waggoner JG and Berlin, NI: A new approach to quantitation of the various sources of bilirubin in man. *JOURNAL OF LABORATORY AND CLINICAL MEDICINE* **87**:767-780, 1976.
14. Williams RL, Schary WL, Blaschke TF, Meffin PJ, Melmon KL and Rowland M: Influence of acute viral hepatitis on the disposition and pharmacologic effect of warfarin. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **20**:997,1976.

15. Williams RL, Blaschke TF, Meffin PJ, Melmon KL and Rowland M: Influence of viral hepatitis on the disposition of two compounds with high hepatic clearance: Lidocaine and indocyanine green. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **20**:290-299, 1976.
16. Meffin PJ, Williams RL, Blaschke TF and Rowland M: Application of salivary concentration data to pharmacokinetic studies with antipyrine. *JOURNAL OF PHARMACEUTICAL SCIENCES* **66**:135-137, 1977.
17. Bjornsson TD, Blaschke TF and Meffin PJ: High pressure liquid chromatographic analysis of drugs in biological fluids. II. Determination of warfarin. *JOURNAL OF PHARMACEUTICAL SCIENCES* **66**:142-144, 1977.
18. Williams RL, Blaschke TF, Meffin PJ, Melmon KL and Rowland M: Influence of acute viral hepatitis on the disposition and plasma binding of tolbutamide. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **21**:301-309, 1977.
19. Meffin PJ, Winkle RA, Blaschke TF, Fitzgerald JW and Harrison DC: Response optimization of drug dosage: antiarrhythmic studies with tocainide. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **22**:42-57, 1977.
20. Bjornsson TD, Meffin PJ and Blaschke TF: Interaction of clofibrate with warfarin. I. The effects of clofibrate on the disposition of the optical enantiomorphs of warfarin. *JOURNAL OF PHARMACOKINETICS AND BIOPHARMACEUTICS* **5**:495-505, 1977.
21. Bjornsson TD, Blaschke TF and Meffin PJ: High pressure liquid analysis of drugs in biological fluids. IV. Determination of clofibrinic acid. *JOURNAL OF CHROMATOGRAPHY* **137**:145-152, 1977.
22. Bjornsson TD, Swezey SE, Meffin PJ and Blaschke TF: Quantitation of radiolabelled vitamin K1 and vitamin K1 epoxide in plasma by high pressure liquid chromatography. *THROMBOSIS AND HEMOSTASIS* **39**:466-473, 1978.
23. Swezey SE, Blaschke TF and Meffin PJ: Gas chromatographic analysis of pentazocine. *JOURNAL OF CHROMATOGRAPHY* **154**:256-260, 1978.
24. Ramu A, Rosenbaum J and Blaschke TF: Disposition of acetone following acute acetone intoxication. *WESTERN JOURNAL OF MEDICINE* **129**:429-432, 1978.
25. Ramu A, Glaubiger D, Ramu NP, Eldridge N and Blaschke TF: Probenecid inhibition of methotrexate excretion from cerebrospinal fluid in dogs. *JOURNAL OF PHARMACOKINETICS AND BIOPHARMACEUTICS* **6**:389-397, 1978.
26. Esquivel M, Blaschke TF, Snidow G and Meffin PJ: Effect of phenobarbitone on the disposition of lignocaine and warfarin in the dog. *JOURNAL OF PHARMACY AND PHARMACOLOGY* **30**:804-805, 1978.
27. Bjornsson TD and Blaschke TF: Vitamin K1 disposition and therapy of warfarin overdose. *LANCET* **3**:846-847, 1978.
28. Ramu A, Fusner JE, Blaschke TF and Glaubiger DL: Probenecid inhibition of methotrexate-cerebrospinal fluid pharmacokinetics in dogs. *CANCER TREATMENT REPORTS* **62**:1465-1470, 1978.
29. Neal EA, Meffin PJ, Gregory PB and Blaschke TF: Enhanced bioavailability and decreased clearance of analgesics in patients with cirrhosis. *GASTROENTEROLOGY* **77**:96-102, 1979.
30. Yee G, Rubin PC and Blaschke TF: Atenolol determination by high pressure liquid chromatography and fluorescence detection. *JOURNAL OF CHROMATOGRAPHY* **171**:357-362, 1979.

31. Jaillon P, Rubin PC, Yee Y-G, Ball R, Kates R, Harrison DC and Blaschke TF: Influence of congestive heart failure on prazosin pharmacokinetics. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **25**:790-794, 1979.
32. Rubin PC and Blaschke TF: Plasma catecholamines in man are not influenced by the inhibition of prostaglandin synthesis. *PROSTAGLANDIN* **17**:581-585, 1979.
33. Swezey SE, Meffin PJ and Blaschke TF: Measurement of furosemide by high pressure liquid chromatography. *JOURNAL OF CHROMATOGRAPHY* **174**:469-473, 1979.
34. Bjornsson TD, Meffin PJ, Swezey SE and Blaschke TF: Clofibrate displaces warfarin from plasma proteins in man: an example of a pure displacement interaction. *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS* **210**:316-321, 1979.
35. Bjornsson TD, Meffin PJ, Swezey SE and Blaschke TF: Effects of clofibrate and warfarin alone and in combination on the disposition of vitamin K1. *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS* **210**:322-326, 1979.
36. Rubin P, Yee Y-G, Anderson M and Blaschke TF: Prazosin first-pass metabolism and hepatic extraction in the dog. *JOURNAL OF CARDIOVASCULAR PHARMACOLOGY* **1**:641-647, 1979.
37. Rubin P, Swezey S and Blaschke TF: Naloxone lowers plasma prolactin in man. *LANCET* **1**:1293, 1979.
38. Rubin P. and Blaschke TF: Prazosin protein binding in health and disease. *BRITISH JOURNAL OF CLINICAL PHARMACOLOGY* **9**:177-182, 1980.
39. Bjornsson TD, Meffin PJ, Peters FA and Blaschke TF: Saliva and plasma concentrations and plasma protein binding of clofibrinic acid in uremic patients. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **27**:230-235, 1980.
40. Giacomini KM, Swezey SE, Giacomini JC and Blaschke TF: Administration of heparin causes *in vitro* release of non-esterified fatty acids in human plasma. *LIFE SCIENCES* **27**:771-780, 1980.
41. Rubin PC and Blaschke TF: Studies on the clinical pharmacology of prazosin. I. Cardiovascular, catecholamine and endocrine changes following a single dose. *BRITISH JOURNAL OF CLINICAL PHARMACOLOGY* **10**:23-32, 1980.
42. Rubin PC, Jackson G and Blaschke TF: Studies on the clinical pharmacology of prazosin. II. The influence of indomethacin and of propranolol on the action and disposition of prazosin. *BRITISH JOURNAL OF CLINICAL PHARMACOLOGY* **10**:33-39, 1980.
43. Giacomini KM, Giacomini JC, Swezey SE, Harrison DC, Nelson WL, Burke TR and Blaschke TF: The stereoselective disposition of disopyramide in the dog. *JOURNAL OF CARDIOVASCULAR PHARMACOLOGY* **2**:825-832, 1980.
44. Giacomini KM, Cox BM and Blaschke TF: Comparative anti-cholinergic potencies of R- and S- disopyramide in longitudinal muscle strips from guinea pig ileum. *LIFE SCIENCES* **27**:1191-1197, 1980.
45. Vreman HJ, Assomull VM, Kaiser BA, Blaschke TF and Weiner MW: Acetate metabolism and acid-base homeostasis during hemodialysis: influence of dialyzer efficiency and metabolic capacity for acetate metabolism. *KIDNEY INTERNATIONAL* **18** (Suppl 10):S62-S74, 1980.
46. Giacomini KM, Giacomini JC and Blaschke TF: Absence of effect of heparin on the binding of prazosin and phenytoin to plasma proteins. *BIOCHEMICAL PHARMACOLOGY* **29**:3337-3340, 1980.

47. Rubin P, Blaschke TF and Guilleminault C: Effect of naloxone -a specific opioid inhibitor on blood pressure fall during sleep. *CIRCULATION* **63**:117-121, 1981.
48. Nelson WL, Sneed CK, Giacomini KM, Giacomini JC, Strauss J, Blaschke TF and Cox BM: Synthesis and anticholinergic properties of the enantiomers of 4-(isopropylamino-2-(2-pyridyl)-2-phenylbutyramide, the mono-N-dealkylated metabolite of the disopyramide. *JOURNAL OF MEDICINAL CHEMISTRY* **24**:614-617, 1981.
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50. Sawhney VK, Gregory PB, Swezey SE and Blaschke TF: Furosemide disposition in cirrhotic patients. *GASTROENTEROLOGY* **81**:1012-1016, 1981.
51. Giacomini KM, Swezey SE, Turner-Tamiyasu K and Blaschke TF: The effect of saturable binding to plasma proteins on the pharmacokinetic properties of disopyramide. *JOURNAL OF PHARMACOKINETICS AND BIOPHARMACEUTICS* **10**:1-14, 1982.
52. Pollick C, Giacomini KM, Blaschke TF, Nelson WL, Turner-Tamiyasu K, Briskin VH and Popp RL: The cardiac effects of d-and l-disopyramide on normal subjects. A non-invasive study. *CIRCULATION* **66**(2):447-453, 1982.
53. Swezey SE, Giacomini KM, Abang A, Brass C, Stevens DA and Blaschke TF: Measurement of ketoconazole, a new antifungal agent, by high performance liquid chromatography. *JOURNAL OF CHROMATOGRAPHY* **227**:510-515, 1982.
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58. Giacomini KM, Abang A and Blaschke TF: Calculation of drug concentration in plasma after equilibrium dialysis. *BRITISH JOURNAL OF CLINICAL PHARMACOLOGY* **14**:752-754, 1982.
59. Schulz P, Turner-Tamiyasu K, Smith G, Giacomini KM and Blaschke TF: Disposition of amitriptyline in young and elderly normal males. *CLINICAL PHARMACOLOGY AND THERAPEUTICS* **33**:360-366, 1983.
60. Schulz P, Giacomini KM, Lutrell S, Turner-Tamiyasu K and Blaschke TF: Effect of low doses of heparin on plasma binding of phenytoin and prazosin in normal humans. *EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY* **25**:211-214, 1983.
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62. Schulz P and Blaschke TF: The pharmacokinetic interaction of single doses of quinine and digoxin in dogs. *PHARMACOLOGY* **28**:343-346, 1984.

63. Smith GA, Giacomini KM, Smith CT, Gregory PB, Robinson WE, Merigan TC and Blaschke TF: High-performance liquid chromatographic analysis of hypoxanthine arabinoside in plasma. *JOURNAL OF CHROMATOGRAPHY (Biomedical Applications)* **307**:410-415, 1984.
64. Witkowska MK and Blaschke TF: Dexamethasone decreases plasma protein binding of prazosin in vivo in rabbits. (Short Communication) *CLINICAL PHARMACOKINETICS* **9**(Suppl. 1):100-101, 1984.
65. Taylor G and Blaschke TF: Measurement of antipyrine half-life from urinary drug concentrations. *BRITISH JOURNAL OF CLINICAL PHARMACOLOGY* **18**:650-652, 1984.
66. Taylor G, Marafino BJ, Moore JA, Gurley VA and Blaschke TF: Interferon reduces hepatic drug metabolism in vivo in mice. *DRUG METABOLISM AND DISPOSITION* **13**:459-463, 1985.
67. Giacomini JC, Giacomini KM, Nelson WL, Harrison DC and Blaschke TF: Electro-physiology of the enantiomers of disopyramide in dogs. *JOURNAL OF CARDIOVASCULAR PHARMACOLOGY* **7**:884-890, 1985.
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70. Giacomini KI, Nelson WL, Pershe RA, Valdivieso L, Turner-Tamiyasu K and Blaschke TF: In Vivo interaction of the enantiomers of disopyramide in human subjects. *JOURNAL OF PHARMACOKINETICS AND BIOPHARMACEUTICS* **14**:335-356, 1986
71. Speedie SM, Skarupa S, Oderda L, Blaschke TF, Leatherman E, Kondo J, Gray J, Olson W: MENTOR: Continuously monitoring drug therapy with an expert system. *MEDINFO 86 (Proceeding of the Fifth Conference on Medical Informatics)* (R Salamon, B. Blum, M Jorgensen, editors) Elsevier Science Publishers, B.V. (North Holland), 1986, pp 237-239.
72. Anderson JE, Morris RE, Blaschke TF: Pharmacodynamics of cyclosporine-ketoconazole interaction in mice: combined therapy potentiates cyclosporine immunosuppression and toxicity. *TRANSPLANTATION* **43**:529-533, 1987.
73. Pan HY-M, Hoffman BB, Pershe RA, and Blaschke TF: Decline in beta-adrenergic receptor-mediated vascular relaxation with aging in man. *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS* **239**:802-807, 1987.
74. Valdivieso L, Giacomini KM, Nelson WL, Pershe RA and Blaschke TF: Stereoselective binding of disopyramide to plasma proteins. *PHARMACEUTICAL RESEARCH* **5**:316-318, 1988.
75. Atiba JO and Blaschke TF: Etomidate inhibits antipyrine metabolism in mice. *AMERICAN JOURNAL OF MEDICAL SCIENCES* **293**:361-365, 1987.
76. Atiba JO, Taylor G, Pershe RA and Blaschke TF: Plasma antipyrine half-life can be determined from urine data. *BRITISH JOURNAL OF CLINICAL PHARMACOLOGY* **23**:715-719, 1987.
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REVIEWS, BOOK CHAPTERS, LETTERS, EDITORIALS, PROCEEDINGS:

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