

ARTHUR H. KIBBE, Ph.D.
WILKES UNIVERSITY
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Dr. Kibbe has a Ph.D. in Pharmacokinetics and Biopharmaceutics and a score of years working directly or indirectly with the Pharmaceutical Industry, FDA, Professional and Trade Associations and Academia. Spoke on behalf of the profession of pharmacy before Congress and the regulatory agencies. Organized and conducted successful marketing programs for two contract research organizations. Trained professional pharmacists and pharmaceutical scientists. Investigated the operations of the FDA on behalf of the commissioners. I am currently active representing several major pharmaceutical manufacturers as an expert witness in litigation.

EXPERIENCE:

WILKES UNIVERSITY, Wilkes-Barre, PA June 2016 –present
Emeritus faculty and consultant to the pharmaceutical industry

WILKES UNIVERSITY, Wilkes-Barre, PA 1994 – 2016
Wilkes University Nesbitt School of Pharmacy, Department of Pharmaceutical Sciences
Past Chair (1994 to 2013) and Tenured Professor; currently he is an Emeritus Professor

- Oversaw construction of laboratory and research space in new school
- Directs a science faculty of seven Ph.D.'s.
- Resource consultant to industry on generic drug issues, regulatory affairs, international pharmaceutical manufacture
- Expert witness representing pharmaceutical companies in litigation.
- Editor-in-Chief, *Handbook of Pharmaceutical Excipients, 3rd Edition*
- Consultant to Commerce Committee, United States Congress
- Co-chair, Core Curriculum Development Committee
- Served as Chair of Governor's Renal Disease Advisory Panel 1997 to 2007
- Member of the Food and Drug Administration's Scientific Advisory Committee(2000 to 2006; Chair since 2001 to 2004
- Developed a new BS in Pharmaceutical Sciences
- Serves as chair of the faculty
- Continues to teach pharmacokinetics to pharmacy students and performs research with excipients and pharmacokinetics of dosage forms

PHARMAKON RESEARCH INTERNATIONAL, INC., Waverly, Pa 1992-1994
Director of Marketing

- Developed all promotional materials, slide presentations and brochures
- Developed and implemented sales and promotion strategies that resulted in continued revenue and profit growth

- Evaluated the market, established market segments, and recommended marketing strategies for each segment
- Initiated Japanese Market Plan designed to penetrate that valuable market

AMERICAN PHARMACEUTICAL ASSOCIATION, Washington, DC 1987 - 1992
Senior Director of Professional and Scientific Affairs

- Developed and managed symposium on scientific issues
- Developed policy statements on scientific issues that impacted both pharmaceutical scientist and professional pharmacists
- Represented Association before Congress, FDA and EPA
- Managed 10 professional staff including-the Directors of Scientific Affairs, International Affairs, Professional Affairs, Student Affairs, Government Affairs and Policy
- Managed Journal of Pharmaceutical Science
- Scientific Consultant to the House of Representative's Committee on Energy and Commerce, Subcommittee on Oversight and Investigations, as part of its review of the generic drug industry practices and the FDA's generic drug review activities
- Member of the FDA's Generic Drug Advisory Committee
- Chairman of a special panel appointed by the FDA Commissioner to investigate Fairness in the Generic Drug Approval Process, which resulted in the "Kibbe Report"

BIORESEARCH LABORATORIES LTD., Montreal, Quebec, Canada 1985 to 1987
Director of Client Services

- Managed protocol development, negotiated contracts and prices.
- Directed all the marketing and sales efforts.
- Responsible for highest division revenue and profit levels either before or since.

NATIONAL INSTITUTES OF HEALTH, Bethesda, MD 1984 to 1985
Chief of Pharmaceutical Development Services

- Directed a staff of 15 scientists
- Developed delivery systems for Phase I clinical trials.
- Controlled the use of all investigational drugs in the NIH intramural program
- Provided pharmacokinetics and analytical support for NIH intramural clinical research program.

SCHOOL OF PHARMACY, UNIVERSITY OF MISSISSIPPI, Oxford, MS 1973 to 1984
Professor of Pharmaceutics

- Taught undergraduate and graduate level courses in formulation design and development, pharmacokinetics and physical chemistry of heterogeneous systems.
- Conducted research in the areas of formulation development, pharmacokinetics of drugs of abuse, bioequivalency evaluations and impact of formulation changes on bioavailability.

- Conducted research into the effectiveness of different teaching techniques on short term recall.
- Funded by the National Institutes of Health and the Pharmaceutical Industry.
- Provided Continuing Education Symposia to the Profession of Pharmacy.
- Produced over 30 publications in refereed Journals and many essays and articles in the professional press.

U.S. ARMY, Leavenworth, KS

1969 to 1970

Pharmacist/Director of Pharmacy Services

- Pharmacist at a 150 bed army hospital.
- Supervised two pharmacist and three technical support staff.
- Reached rank of E-5 in 11 months after induction.
- Advised the post commander on how to control drug abuse problems.

EDUCATION:

Ph.D., Pharmacy-Pharmacokinetics - 1973

University of Florida, Gainesville, Florida

M.S. Pharmacy- 1968

University of Florida, Gainesville, Florida

B.S. Pharmacy- 1966

Columbia University, New York, New York

PUBLICATIONS IN PEER REVIEW SCIENTIFIC JOURNALS:

Kibbe, A.H. and Araujo, O.E., "Nuclear Magnetic Resonance and Rheological Studies of the Thixotropic Properties of Montmorillonite-Water Systems", J. Pharm Sci., 58: (1969).

Kibbe, A.H. and Araujo, O.E., "Rapid Quantitative Determination of Digoxin on the Gas Chromatograph", I. Pharm. Sci., 62: 1703-1705 (1973).

Kibbe, A.H. and Wilson, M.C., "Pharmacokinetics of Cocaine in the Rhesus Monkey", J. Pharmacologist, 18: 158 (1976).

Wilson, M.C. and Kibbe, A.H., "Correlation Between Blood Levels and Acute Pharmacological Effects of Cocaine in the Rhesus Monkey", Federation Proceeding, 35: 506 (1976).

Bedford, J.A., Kibbe, A.H. and Wilson, M.C., "Chronic Intravenous Dosing and Blood Collection in the Unanesthetized Monkey", Pharm. Biochem. Behave., 6: 601 (1977).

Borne, R.F., Bedford, J.A., Craig, C.B., Hardin, T.C., Kibbe, A.H. and Wilson, M.C., "Biological Effects of Cocaine Derivatives I: Synthesis and Brief Pharmacological Evaluation of Norcocaine", J. Pharm. Sci., 66: 119 (1977).

Kibbe, A.H., Bedford, I.A., Borne, R.F. and Wilson, M.C., "Biological Effects of Cocaine Derivatives II: Pharmacological Evaluation of N-Allyl Norcocaine in Cynomolgus Monkeys", *Pharm. Res. Comm.*, 9: 367-374 (1977).

Wilson, M.C., Bedford, J.A., Kibbe, A.H. and Sam, J.A., "Comparative Pharmacology of Norcocaine in *M. Mulatta* and *M. Fascicularis*", *Pharmacology Biochemistry & Behavior*, 9: 141-145 (1978).

Kibbe, A.H. and Maginnis, P.T., "An Evaluation of a Model for the Study of the Effects of Aerobic Exercise on Atherosclerosis", *Proceeding of the Southeastern Pharmacology Society*, 1: 21 (1980).

Chambliss, W.G., Cleary, R.W., Fischer, R.G., Jones, A.B., Skierkowski, P. and Kibbe, A.H., "The Effect of Docusate Sodium on Drug Release from a Controlled Release Dosage Form", *J. Pharm. Sci.*, 70: 11 (1981).

Fischer, R.G., Kibbe, A.H., Nicholas, W.C., Sbravati, C. and Read, V.H., "Equivalence of Various Levothyroxine Preparations", *The Journal of Family Practice*, 14: 591 (1981).

Abidi, S.E., Kibbe, A.H., Cleary, R.W., Jones, A.B. and Harland, E.C., "Pharmacokinetic Interactions of Tolazamide and Oxyphenbutazone in Dogs", *J. Pharm. Sci.*, 71: 1 (1982).

Fischer, R.G., Booth, B.H., Mitchell, D.Q. and Kibbe, A.H., "Influence of the Trivalent Influenza Virus Vaccine on Serum Theophylline Levels", *Journal of the Canadian Medical Association, CMA Journal*, 126: 1312 (1982).

Beasley, M.W., Skierkowski, P., Cleary, R.W., Kibbe, A.H. and Jones, A.B., "A Comparison of HPLC and RIA in the Determination of Content Uniformity of Digoxin Tablets", *J. Pharm. Sci.*, 72:5 505-509 (1983).

Chambliss, W.G., Chambliss, D.A., Cleary, R.W., Jones, A.B., Harland, E.C. and Kibbe, A.H., "Development and Evaluation of Enteric Coated Penicillamine Tablets", *J. Pharm. Sci.*, (1983).

Hunsinger, R.N., Kibbe, A.H. and Wilson, M.C., "The Effect of Previous d-Amphetamine Treatment on the Disposition and Lethality of Fenfluramine in the Rat", *Toxicology and Applied Pharmacology*, (1984).

Silva, B.O., Cleary, R.W., ElSohly, M.A., Jones, A.B. and Kibbe, A.H., "Kinetic Study of Hydrolysis of N-Methyl Glucarnine Salt of 8-Tetrahydrocannabinol Hemisuccinate in SemiAqueous Solvent", *J. Pharm. Sci.*, 73:6 420425 (1984).

Smith, M.C., Kibbe, A.H. and Brown, T.R., "Dermatologic Prescriptions Requiring Compounding", *J. Am. Acad. Dermatol*, II: 148-151 (1984).

Farber, M.S., Greene, R.F., Kibbe, A.H. and Gallelli, J.F., "Morphine Compatibility with Drugs Commonly Used in Patients Receiving Morphine Continuous Infusion", American Journal of Hospital Pharmacy, (1985).

Viegas, T.X., Kibbe, A.H., Hikal, A.H., Clear, R.W. and Jones, A.B., "An in vitro Method of Evaluating Talnaflata Release from Topical Powder", Pharmaceutical Research, 3: 88-92 (1986).

Kibbe, A.H. "Generic Drugs and Generic Equivalency" chapter in Encyclopedia of Pharmaceutical Technology, 2nd Edition Editors Swarbrick, J. and Boylan J.C., Marcel Dekker.(1999)

Kibbe, A.H. Editor-in-Chief and Contributing author, Handbook of Pharmaceutical Excipients, 3rd Edition, monographs on Benzalkonium Chloride, pg. 33; Crospovidone, pg. 163; Fructose, pg. 210; Guar Gum, pg. 233; Lactose, pg. 276; Mineral Oil and Lanolin Alcohols, pg. 349; Paraffin, pg. 358; Peanut Oil, pg. 361; Povidone, pg. 433; Sodium Starch Glycolate, pg. 501; Starch, pg. 523; Sucrose, pg. 539; Sugar, confectioner's, pg. 546; Talc, pg. 555; Thimerosal, pg. 562; Wax, microcrystalline, pg. 591; Wax, white, pg. 595; Wax, yellow, pg. 597; 2000.

Kibbe, A.H. "Generic Drugs and Generic Equivalency" chapter in Encyclopedia of Pharmaceutical Technology, 3rd Edition Editors Swarbrick, J. and Boylan J.C., Marcel Dekker.(2001)

Kibbe, A.H. Contributing author, Handbook of Pharmaceutical Excipients, 4th Edition and 5th editions, monographs – Acacia; Benzalkonium Chloride; Crospovidone; Guar Gum; Lactose; Mineral Oil and Lanolin Alcohols; Paraffin; Peanut Oil; Potassium Hydroxide; Povidone; Sodium Hydroxide; Sugar, confectioner's; Talc; Thimerosal; Wax, microcrystalline; Wax, white; Wax, yellow; 2003 and 2005.

Kibbe AH Contributing author, Handbook of Pharmaceutical Excipients 6th Edition (2009) Monographs - Acacia; Ascorbic Acid; Benzalkonium Chloride; Crospovidone; Guar Gum; Lactose, Anhydrous; Lactose, Monohydrate; Lactose, Spray-Dried; Mineral Oil and Lanolin; Paraffin; Peanut Oil; Potassium Hydroxide; Povidone; Sodium Hydroxide; Pregelatinized Starch; Sugar Spheres; Talc; Microcrystalline Wax; White Wax; and Yellow Wax;

Kibbe A. H. & Veeraj J. Jadeja Characterization of Compounds: *Effect of surfactants, polymers and nonionic compounds on surface tension at liquid-air interphase*. Journal of Pharmaceutical Technology (June 2010)

Kibbe A.H., Franko T.S., and Shah V.M. *Oxycodone hydrochloride immediate-release analgesic for managing severe pain: abuse-deterrent formulations*. Therapeutics and Clinical Risk Management 2018;14 779-782

PUBLICATIONS IN PROFESSIONAL JOURNALS:

Schondelmeyer, S.W., Mason, H.L., Schafermeyer, K.W. and Kibbe, A.H., "Pharmacists' Compensation and Work Patterns: Overview of 1988 National Survey", *American Pharmacy*, 29:11 25-30 (1989).

Schondelmeyer, S.W., Mason, H.L., Schafermeyer, K.W. and Kibbe, A.H., "Final Report of the National Pharmacists' Compensation Survey: 1988", American Pharmaceutical Association.

Kibbe, A.H., "Successful Supervision: Using Interpersonal Skills", *American Pharmacy*, 29:12 23-26 (1989).

Kibbe, A.H., "A Prescription for Disaster", *American Pharmacy*, 30:7 (1990).

Kibbe, A.H., "Generic Drug Industry Under Attack", *Florida Pharmacy Today*, 55: 1 6-9 (1990).

Kibbe, A.H., "Generic Drug Industry Under Attack", *The Kentucky Pharmacy*, 54-57 (1990).

Kibbe, A.H., "Generic Drug Industry Under Attack", *J. of Mississippi Pharmacists Association*, May/June 15-19 (1990).

Kibbe, A.H., Kopf, J.A., Zarembo, J.E., "Fairness in the Food and Drug Administration's Generic Drugs Program, April 1991

Kibbe, A.H., Weaver, L.C., "Generic Drugs and Generic Equivalency" chapter in *Encyclopedia of Pharmaceutical Technology* Editors Swarbrick, J. and Boylan J.C., Marcel Dekker.(1993)

Schondelmeyer, S.W., Mason, H.L., and Kibbe, A.H., "Pharmacists' Compensation and Work Patterns: Overview of the 1990-91 Survey" *American Pharmacy*, 32:1 (1992).

Schondelmeyer, S.W., Mason, H.L., Kibbe, A.H., "Final Report of the National Pharmacists' Compensation Survey: 1990-91" American Pharmaceutical Association.

Kibbe, A.H. Contributing author, *NDA Pipeline*, 1994, Published in 1995.

Kibbe, A.H. Nationally reprinted editorial on the FDA approval process, various newspapers, Fall, 1995.

Kibbe, A.H. Quoted in *New York Times* article on the importation of drug products and the Food and Drug Administrations oversight, October, 1995.

Kibbe, A.H. Invited article, commentary on the GAO report on International Drug Classification Systems, *GAO Report on Need for a Third Class: "Prove It"*, *Journal of the American Pharmaceutical Association*, 35:48 Fall, 1995.

Kibbe A.H., Franko T. S. , Shah V. M.

Oxycodone Hydrochloride Immediate-Release Analgesic for Managing Severe Pain: Abuse Deterrent Formulations. *Journal of Therapeutics and Clinical Management* (Submitted November 2017)

PRESENTATIONS:

Wilson, M.C. and Kibbe, A.H., "Correlation Between Blood Levels and Acute Pharmacological Effects of Cocaine in the Rhesus Monkey". Presented at the FASEB meeting in Anaheim, California, 1976.

Kibbe, A.H. and Wilson, M.C., "Pharmacokinetics of Cocaine in the Rhesus Monkey". Presented at the Fall ASPET meeting, New Orleans, Louisiana, 1976.

Kibbe, A.H. and Burdock, N., "An Evaluation of the Five Minute Quiz in Teaching Pharmacy Calculations". Presented at the Fall AACP meeting, 1976.

Kibbe, A.H., Bedford, J.A., Borne, R.F. and Wilson, M.C., "Pharmacological Evaluation of N-Allyl-Norcocaine in the Cynomolgus Monkey". Presented at Academy of Pharmaceutical Science Meeting, Orlando, Florida, November, 1976.

Kibbe, A.H. and Maginnis, P.T., "An Evaluation of Model for the Study of the Effects of Aerobic Exercise on Atherosclerosis". Presented at the first annual meeting of the Southeastern Pharmacology Society, Fall, 1980.

Kibbe, A.H., Chambliss, W.G., Fischer, R.G. and Scott, L.S., "Zomepirac Pharmacokinetics in Renal Failure Patients". Presented at the Academy of Pharmaceutical Science Meeting, April, 1982.

Beasley, M.W., Skierkowski, P., Cleary, R.W., Kibbe, A.H. and Jones, A.B., "A Comparison of HPLC and RIA in the Determination of Content Uniformity of Digoxin Tablets". Presented at the Academy of Pharmaceutical Sciences Meeting, April, 1982.

Hunsinger, R.N., Kibbe, A.H. and Wilson, M.C., "Subacute d-Amphetamine (AM) Treatment Enhances Fenfluramine (FN) Lethality in Rats". Presented ASPET/SOT, 1982.

Murphy, J.C., Kibbe, A.H., Ma, G.E., ElSohly, M.A. and Walker, L.A., "Effects of Marijuana Smoke on Cocaine Pharmacokinetics in Rats". Presented at the Southeastern Pharmacological Society Meeting, October, 1982.

Quintana, B.A., Cleary, R.W., Kibbe, A.H., Skierkowski, P. and Jones, A.B., "The Degradation of Ethylene Oxide in the Presence of Chloride Ion in Aqueous Media at pH 7.4". Presented at the Academy of Pharmaceutical Science Meeting, April, 1983.

Silva, B.O., Cleary, R.W., ElSohly, M.A., Jones, A.B. and Kibbe, A.H., "Kinetic Study of Hydrolysis of N-Methyl Glucamine Salt of 8-Tetrahydrocannabinol Hemisuccinate in SemiAqueous Solvent". Presented at the Academy of Pharmaceutical Science Meeting, April, 1983.

Bowers, C.J., Anderson, E.R. and Kibbe, A.H., "The Effects of Potassium and Magnesium Salt of Aspartic Acid on Strength, Endurance, Anthropometric, Measurements, and Body Composition of Male College Age Advance Weight Lifters". Presented at the Southern District American Alliance of HPERD, Biloxi, MS, February, 1984.

Kibbe, A.H., Anslow, J., Bohaychuk, W., Dabrowski, J., Faulkner, B., Silber, B.M. and Woodward, D., "Pharmacokinetics of Cefixine on the Fasted and Fed State". Presented at the 15th International Congress of Chemotherapy, Elmadag, Istanbul, Turkey, July, 1987.

Kibbe, A.H., "The Scientific & Professional Aspects of the Generic Drug Issue". Presented at the national meeting of the National Council for Prescription Drug Programs (NCPDP), Scottsdale, AZ, February, 1990.

Kibbe, A.H., "Generic Drugs: A Scientific and Professional Perspective". Presented at the Thirty-Fifth Annual Ohio Pharmaceutical Seminar, Columbus, OH, April, 1990.

Kibbe, A.H., Kopf, J.A., Zarembo, J.E., Testimony before Congress. Fairness in the Food and Drug Administration's Generic Drugs Program, Washington, D.C., June, 1991.

Kibbe, A.H. The Drug Approval Process - The Food and Drug Administration. Changing for the Future. Presented to Pharmacy Associations in Harrisburg and Wilkes-Barre, 1995.

Kibbe, A.H., Testimony before Congress: Subcommittee on Oversight and Investigations of the Committee on Commerce House of Representatives. U.S. Government Printing Office, Washington, D.C. Serial No. 104-23, pg. 138. June 19, 1995.

Kibbe A.H. Chair and keynote address "Pharmaceutical Excipients" Philadelphia, PA June 27 & 28 , 2002

Kibbe A.H. Chair and keynote address "Pharmaceutical Excipients" Philadelphia, PA June 26 & 27 , 2003

Kibbe, A. H., "Rheology" Food and Drug Administration educational presentation, June 19, 2003

Kibbe, A.H. Heterogeneous Systems – Nomenclature and Preparation Food and Drug Administration presentation at June 2004

Brittain, Kevin; Lee, Yee; Kibbe A.H. "Analysis of Thin Films as Oral Drug Delivery Systems" presented at the Annual Meeting of the American Pharmacist's Association April , 2009

Jadeja, Veeraj, & Kibbe A.H. Characterization of Compounds – Effect of Surfactants, Polymers, and nonionic compounds on surface tension of liquid-air interface November 2009 AAPS Annual Meeting San Diego CA

Sulla, Aaron & Kibbe, A.H. Hydrophilic Matrix Tablet Formulations Using Different Ratios of Polymers November 2009 AAPS Annual Meeting San Diego CA

Rapidly Dissolving Thin Films as Oral Drug Delivery Systems
Melissa Mendolia and Arthur H. Kibbe* November 2009 AAPS Annual Meeting San Diego CA

Shoemaker, H. & Kibbe A. H. Impact of interactions between Excipients, Tablet Shape and Size and API load on Tablet Quality. November 2010 AAPS meeting.

Title: Liquid dosage forms intended for pediatric use: Lisinopril & Meclazine
B. Beidel, J. Bohan, E. Thudium, C. D'Ippolito, A. VanWert, H. Jacobs, and A.H. Kibbe
APhA Annual Meeting March 2011

Evaluation of Transdermal Absorption of Ketoprofen in the Rabbit Model A. Kibbe, A VanWert, E Daubert, C Inteso, M Isherwood, T. Tietz. Spring 2012 APhA Annual Meeting

Diffusional Analysis of Topical Gel Formulations. Arthur H. Kibbe, Adam VanWert, Donald Mencer, and Krista Zawistowski, Presented at the AAPS annual meeting in San Antonio TX November 2013

Development of a thin film to deliver potent drugs Elizabeth Taber, Melissa Caprio and Arthur H. Kibbe, Presented at the AAPS Annual Meeting in San Antonio TX November 2013

Evaluation of transdermal absorption of ketoprofen in a rabbit model Manuel Isherwood, Eliza Daubert, Christina Inteso, Trey Teitz, Arthur H. Kibbe PhD, Adam VanWert PharmD, PhD
ACA, ACVP, IACP Educational Conference 2014

PUBLISHED BOOKS OR CHAPTERS

Editor-in-Chief, Handbook of Pharmaceutical Excipients, 3rd Edition, published jointly by Royal Pharmaceutical Society of Great Britain and American Pharmaceutical Association, 2000

Dissolution Theory, Methodology, and Testing Edited by Anthony Palmieri III.
Chapter 1 Theory of Dissolution. Arthur H. Kibbe 2007

Martin's Physical Pharmacy and Pharmaceutical Sciences 7th edition edited by Patrick Sinko
Chapter 22 Excipients and Chapter 25 Oral Solid Dosage Forms 2016

ACADEMIC GRANTS AND CONTRACTS:

"After Self-Injection", Committee on Faculty Research of the Graduate School, University of Mississippi; Sum \$4,000.

"Pharmacodynamics of Stimulant Self-Administration", PYSIROIDA01002; Sum \$87,892 by NIDA.

"Pharmacokinetics and Metabolism of HP 549 After Three Different Single Oral Doses to Normal Adult Males"; Sum \$16,000 by Hoechst-Roussel.

"Pharmacokinetics and Metabolism of HP 549 After Antacid Therapy"; Sum \$12,000 by Hoechst-Roussel .

"A Study of Biopharmaceutical Parameters Associated with Cocaine Blood Level in Primates NIH - Pediatric Trials Network (PTN) Total grant \$95,000,000 Investigator for formulations. Fall 2010

EDITORIAL AND REVIEW ACTIVITIES:

Editor-in-Chief, Handbook of Pharmaceutical Excipients, 3rd Edition
Continue as monograph author and contributor for subsequent editions. Member of the steering committee

Reviewer, Journal of Pharmaceutical Science (Present)

Reviewer, Journal of American Pharmacist Association (Present)

Consulting Editor, NDA Pipeline, 1994-1995

Editorial Review Panel, Journal of Drug Development and Industrial Pharmacy

HONORS:

Fellow of the Academy of Pharmaceutical Research and Science - 1994

Member of Rho Chi - A Pharmacy Scholarship Fraternity - 1972

Outstanding Professor of the Year - University of Mississippi School of Pharmacy - 1978

Outstanding Faculty, School of Pharmacy - Wilkes University, 1996, 2001

LEGAL CONSULTING ACTIVITY/ EXPERT WITNESS

Civil Action 95-1378 (PG) Upjohn v Mova Pharmaceutical Corp
For Upjohn – Deposed and Testified (1998)
Law Firm: Kay Scholer, Fierman, Hays & Handler; 425 Park Avenue, NY, NY 10022-3598

Civil Action 97-C-3992; Pharmacia & Upjohn Co. v. Novopharm Ltd
For Pharmacia - Deposed Case Filed in Illinois (1998)
Law Firm: Kay, Scholer, Fierman, Hays & Handler; 425 Park Avenue, NY, NY 10022-3598

Civil Action 01 CV 5572 (SHS) Bristol-Myers Squibb Co. and E.R. Squibb & Sons, LLC v.
Teva Pharmaceutical USA, Inc
For Teval Pharmaceuticals USA, Inc – Deposed and Testified at trial(2004)
Law Firm: Goodwin Procter LLP 599 Lexington Avenue, NY, NY 10022

Civil Action 00-CV-1439 & 01-CV-0009(JWB)(GDH), Schering Corporation v. Andrx
Corporation & Impax Laboratories
For Andrx & Impax – Deposed (2004)
Law Firms: Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, Washington,
DC 20005-3917 and
Hedman & Costigan, P.C. 1185 Avenue of the Americas, NY, NY 10036-2646

Civil Action 03-CV-1164 GMS, Shire Laboratories v. Impax Laboratories
For Impax – Deposed 2005
Law Firm Kenyon & Kenyon LLP, 1500 K Street NW, Washington DC 20005-1257

Civil Action 03-120-KAJ, Abbott Laboratories, Fournier Industrie et Sante and Laboratories
Fournier SA v. Impax Laboratories, Inc.
For Impax – Deposed 2005
Law Firm Kenyon and Kenyon LLP, 1500 K Street NW, Washington DC 20005-1257

Civil Action 05 C 1490 (N.D.Ill) Abbott Labs Inc. v. Andrx Pharms Inc., et.al
For Andrx Deposed August 2005
Law Firm Hedman & Costigan, P.C. 1185 Avenue of the Americas, NY, NY 10036-2646

Civil Action 03-2854 DWF/SRN Solvay Pharma v Global Pharma
For Global Deposed 2005
Law Firm Venable LLP, Washington DC 20005

Civil Action 05 CV 1085 Biovail Lab. Inter. SRL v Impax Lab. Inc.
For Impax Deposed March 2006
Law Firm Goodwin Procter, Exchange Place, Boston MA 02109

Civil Action 04-171-KAJ Glaxo V Teva

For Teva Deposed 2005
Law Firm Merchant and Gould, Minneapolis MN

Civil Action 05-CV-39(M.D.N.C.) Pfizer v Synthon Lab. Inc., et.a;.
For Synthon Deposed and Testified at trial 2006
Law Firm, Kenyon & Kenyon LLP, 1500 K Street, Washington, DC 20005-1257

Civil action 06-222 (JJF) Wyeth v Impax.
For Impax Deposed(2007)
Law Firm Kiker and Van Nest, San Francisco

Civil Action 08-22308 Civ Moreno/Torres Wyeth v Apotex.
For Apotex Deposed(2007)
Law Firm Duane Morris, New York City

Civil Case 1:06-CV-1017-SEB-VSS Lilly v Teva
For Teva
Deposed and Testified at Trial(2009)
Law Firm Loeb and Loeb, Chicago

Civil Action No 71-721-GMS Aventis v. Apotex
For Apotex Deposed(2010)
Law Firm Duane Morris

Civil Action 07-02854 (JAP)(JJH)
Sanofi-Aventis v Dabur
For Dabur Deposed(2010)
Law Firm Rothwell Figg Ernst & Manbeck

Civil Action 3:08-CV-02311-FLW-TJB
For Novel v Salix
Deposed (2010)
Law Firm Leydig, Voit & Mayer

Civil Action 08-6304 and 09-1233 (D.N.J.)
For Impax v Warner
Deposed (2010)
Law Firm KattenMuchinRosenman LLP

Civil Action No 1:08-CV-0050-JPJ-PMS
For Alparma v Purdue Pharma (2010)
Deposed (2010)
Law Firm Hunton & Williams

Civil Action No 09-511 GMS
For Watson v Allergan
Deposed 2011 Testified at Trial May 2011
Law Firm Kenyon & Kenyon

Australian Civil Action No 673 filled in 2011
For Apotex v Astra Zenaca
Testified October 26 to 30, 2012
Law Firm Freehills

Civil Action
2:08 cv 6304 WJM-MF
2:09 cv 228 WJM-MF
2:09 cv 228 WJM-MF
2:09 cv 469 WJM-MF
2:09 cv 1233 WJM-MF
2:09 cv 2073 WJM-MF
Warner Chilcott V Impax, Mylan, Sandoz
Deposed 2011 Testified at Trial February 2012
For the defendants Impax, Mylan and Sandoz
Law Firms: Wiley Rein, Wilson and Sonsini, and Will and Emery

Civil Actions
08-CV-2137 (DMC)(JAD)
10-CV-3246 (DMC)(JAD)
10-CV-3250 (DMC)(JAD)
Pfizer V Impax, Mylan & Sandoz
For Impax and Mylan
Deposed 2012 and Settled
Law Firms: Wiley Rein and Haynes-Boone

Civil Action
11-cv-164 Delaware Judge Robinson
Cephalon & CIMA v. Mylan
For Mylan
Deposed and Testified at Trial 2013
Law Firm Rothwell, Figg, Ernst & Manbeck

Civil Action
12-60862-CIV-Middlebrooks/Brannon
Shire v Watson
For Watson
Testified at Markman 2013 Deposed and testified
Law Firm: Crowell & Moring

Civil Action
1:11-CV-01112 (SLR)
Novartis v Watson
Testified at trial and deposed 2013
Law Firm Rothwell, Figg, Ernst & Manbeck

Civil Action
11-CV-00481-RCJ-VPG
Consolidated with
11-CV-00485-RCJ-VPC
11-CV-00853-RCJ-VPC
11-CV-00854-RCJ-VPC
12-CV-01935-RCJ-VPC
12-CV-01941-RCJ-VPC
Ferring v Watson
For Watson
Deposed August 2013
Law Firm Merchant & Gould

Civil Action
12-CV-8985 (TPG)Activis
12-cv-8060 (TPG)Teva
12-cv-8317 (TPG)Impax
12-cv-8318 (TPG) Sandoz
Endo v All
For Defendants
Holland and Knight
Deposed February 2015
Testified at Trial April 2015

Petition for Inter Parties Review
U.S. Patent 8,324,283
For Apotex and Mylan
Law Firm Crowell Moring
December 2014

Civil Action 12 CV 02867(MLC)(DEA)

Helsen & Roche v DRL
For DRL
Law Firm Budd Larner / Lerner David
January 2014 deposed
Testified at Trial June 2016

Civil Action 14-00882 (LPS) Consolidated
Acorda v Alkemes et. al.
Law Firm Schiff Harden etc.
Deposed June 2016

Civil Action 3:11-02317 & 3:13-00091
Horizon v DRL
Law Firm Budd Larner
Testified at trial January 2017

Civil Action 15:15-cv-00415
Merck Sharp & Dohme v Savior Lifetec
Law Firm Haynes and Boone
Deposed January 2017

Civil Action 1:16-cv-0853-GMS
Cipla LTD
K & L Gates
Deposed December 2017

Civil Action MDL No 2503 1:14-MD-2503 DJC
Multiple Defendants
Law Firm Several
Deposed September 2017 Testified March 2018