

CURRICULUM VITAE
FRANCIS M. GENGO, PHARM.D.
June 14, 2021

PROFESSIONAL ADDRESS

Dent Neurologic Institute
3980 Sheridan Drive, Suite 500
Amherst NY 14226

fgengo@dentinstitute.com
www.dentinstitute.com
(716) 250-2007

EDUCATION

1979 - 1981: Postdoctoral Fellowship in Pharmacokinetics
Department of Pharmaceutics
State University of New York at Buffalo

1977-1979: Doctor of Pharmacy (cum laude)
Philadelphia College of Pharmacy & Science
Philadelphia, Pennsylvania

1972 - 1977: Bachelor of Science (cum laude)
School of Pharmacy
State University of New York at Buffalo

1969 - 1972: Salamanca Central High School
(New York State Regents Diploma - Science)

ACADEMIC APPOINTMENTS

1987 - Present Associate Professor of Neurology
School of Medicine
State University of New York at Buffalo

1987 - Present Associate Professor of Pharmacy Practice
School of Pharmacy
State University of New York at Buffalo

1985 - Present Clinical Associate Professor of Neurosurgery
School of Medicine
State University of New York at Buffalo

1984 - Present Graduate Faculty
Department of Pharmaceutics
State University of New York at Buffalo

1982 - 1986
Assistant Professor of Pharmacy
Division of Clinical Pharmacy and Science
School of Pharmacy
State University of New York at Buffalo

ADMINISTRATIVE APPOINTMENTS

2018 – Present
Neuropharmacologic Research Director,
Dent Cannabis Clinic

2010- Present
Chair, Department of Pharmacy Practice Promotions
Committee

2010- Present
Member, Pharmacotherapeutics Section Coordinators
Committee

2010-Present
Member, Clinical Research Program Committee

2010- Present
Chief Science Officer
Dent Neuroscience Research Center

2002- Present
Director of Clinical Research
Dent Neurologic Institute

1982- Present
Director, Neuropharmacology Division
Dent Neurologic Institute

1982- Present
Consultant, Medical Staff
Kaleida Health
Buffalo, NY

2004- 2009
Member, Admissions Committee
School of Pharmacy and Pharmaceutical Sciences
University at Buffalo

2003- 2005
Member, Curriculum Committee
School of Pharmacy and Pharmaceutical Sciences
University at Buffalo

2003- 2005
Member, Health Sciences Institutional Review Committee
University at Buffalo

1997- 2000
Member, Subcommittee Neurology/Physical Medicine
Individual Practice Association

Independent Health

1996- 2001	Co-Chairman, Improving Organizational Performance Committee: Clinical Algorithms for Stroke Patients Millard Fillmore Health Systems
1994- 1996	Coordinator, Acute Stroke Research Program Dent Neurologic Institute/Department of Neurosurgery Millard Fillmore Hospitals
1993- 1996	Member, Research and Education Program Directors Committee Millard Fillmore Hospital
1993- 1995	Member, Dent Neurologic Institute Task Force Standing Committee, Board of Directors Millard Fillmore Hospitals, Buffalo, NY
1990- 1994	Dent Institute Representative Western New York Stroke Consortium
1986- 2004	Research Director, Sleep Disorder Center of Western New York Millard Fillmore Hospitals, Buffalo, NY
1986- 1990	Member, Laboratory Animal Care Committee State University of New York at Buffalo
1986- 1988	Consultant J.N. Adam Developmental Disability Center Perrysburg, NY

TRAININGS

June 2013	Certificate: American Pharmaceutical Association Delivering Medication Therapy Management Services
June 2012	Certificate of Competency BAC Data master, K, DMT John Fusco, National Patent and Analytical Systems
August 2010	Certificate: National Highway Traffic Safety Administration / International Association of Chiefs of

Police Drug Evaluation and Classification (DRE) Overview
Course Lance Platt PhD

January 2010

Certificate: Intoxilyzer 8000 Training Course
Jan Seminoff, Industrial Training Ltd

July 2009

Certificate: Breathe Alcohol Technician Certification
CFR Part 40 Procedures and Operation of EBT
Intoximeter EC/IR II Albert Staubus Pharm.D, PhD

June 2009

Certificate: National Highway Traffic Safety
Administration / International Association of Chiefs of
Police Standardized Field Sobriety Testing Practitioner
Course Lance Platt PhD
Repeated Course October 2017

Basic Life Support , American Heart Association, certified
thru 2019

AWARDS

1993

George Thorn MD Award
University of Buffalo Alumni Association

1993

J. J. Teter Fish Conservation Award
Western New York Neuro Sportsman Society

1992

Rho Chi Excellence in Teaching Award
University at Buffalo

1991

School of Pharmacy Yearbook, Faculty Dedication

1989

McKeen Cattell Memorial Distinguished Achievement
Presented by, American College of Clinical Pharmacology

1989

Fellow, American College of Clinical Pharmacology

OTHER PROFESSIONAL EXPERIENCE

1977 - 1979

Clinical Research Assistant
Affective Disease Research Center
University of Pennsylvania Hospital
Philadelphia, PA

1974 - 1977
Clinical Research Assistant
The Clinical Pharmacokinetics Laboratory
Millard Fillmore Hospitals
Buffalo, NY

PROFESSIONAL AFFILIATIONS

2017-Present
Member
Editorial Board of the Journal of Clinical Pharmacology

2012-Present
Member
American Academy of Neurology

1988-Present
Fellow
American College of Clinical Pharmacology

1986-Present
Charter Member
American Association of Pharmaceutical Scientists

1982-Present
Member
American College of Clinical Pharmacy

1981-Present
Member
American Society of Clinical Pharmacology and
Therapeutics

1981-Present
Member
American Federation for Clinical Research

AD HOC REVIEWER

The Medical Letter
Journal of Clinical Pharmacology
Clinical Pharmacology and Therapeutics
Journal of the American Medical Association

COMMUNITY SERVICE ACTIVITIES

2017-present
State Trooper Surgeons Group
New York State Troopers Benevolent Association

2000-2007
Faculty, USA Hockey Coaching Certification Program
New York District, USA Hockey, All levels

2000-2005
Coaching Education Coordinator
Bison's Girls Hockey Association

1996-2005	Coaching Education Coordinator /Member Board of Directors Saints Youth Hockey Association
1995-2003	Head Coach, Buffalo Saints Travel Hockey Association (1984, 1985 Birth year players)
1994-1999	Vice President, Board of Trustees Leukemia Society of Western New York
1994-1995	Chairman, Leukemia Society Telethon Leukemia Society of Western New York
1993-1994	Co-Chairman, Leukemia Telethon Leukemia Society of Western New York
1992-1999	Board of Trustees, Leukemia Society of America
1989-2003	Member, Leukemia Society's Professional Education Committee Western New York Chapter
1987-1995	Professional Advisory Board Epilepsy Foundation of Western New York

PUBLICATIONS

1. Books/Monographs

1. Effects of Drugs on Human Functioning. Streufert S, Gengo F (eds) Progress in Basic and Clinical Pharmacology. Basel, Karger, 1993 Vol 9 pp 1-12.

1. Book Chapters

1. Gengo FM, Green JA. Beta-Adrenergic Receptor Antagonists In: Applied Pharmacokinetics, 2nd Edition. WE Evans, WJ Jusko, JJ Schentag, Eds. Applied Therapeutics Inc., Spokane, Washington, 1986.
2. Drugs and Behavior: An Introduction, Gengo F, Streufert S. In: Effects of Drugs on Human Functioning. Streufert S, Gengo F (eds) Progress in Basic and Clinical Pharmacology. Basel, Karger, 1993 Vol 9 pp 1-12.

3. Central Nervous System Effects of Drug Therapy in Aged Individuals, Fullerton T, Gengo F. In: Effects of Drugs on Human Functioning. Streufert S, Gengo F (eds) Progress in Basic and Clinical Pharmacology. Basel, Karger, 1993 Vol 9 pp 134-168.
4. Effects of Drugs on Human Functioning: Antihistamines, Manning C, Gengo F. In: Effects of Drugs on Human Functioning. Streufert S, Gengo F (eds) Progress in Basic and Clinical Pharmacology. Basel, Karger, 1993 Vol 9 pp 52-69.
5. Pharmacological Principles in Treating Neurological Disease, F Gengo. In Neurology in Clinical Practice Bradley W, Daroff R, Fenichel G, Jankovic J editors Butterworth Heinemann 2007 Fifth Edition.
6. McShane J, Marley W, Gengo F, Citron J. "Influence of GERD on Alcohol Breath Testing." In Understanding DUI Scientific Evidence. 2011, Publisher Thompson Reuters Aspatore.
7. Gengo FM, Shin K. "Impairment Versus Complex Parasomnic Behavior Associated with Zolpidem and Other Hypnotic Drugs". Understanding DUI Scientific Evidence. 2012, Publisher Thompson Reuters Aspatore.
8. Gengo FM, Kirsch JM, Janofsky JS. "A Critical Evaluation of the Scientific and Statistical Validity of the Drug Recognition Evaluation (DRE) Program." Understanding DUI Scientific Evidence. 2012, Publisher Thompson Reuters Aspatore.
9. Pharmacogenomics: An Introduction and Clinical Perspective. Clinical Application of Pharmacogenomics. Francis M. Gengo, Pharm.D, FCP, Michelle M. Rainka. Pharm.D. Pharmacogenomics in Neurology. 2013 pp 205-230.

2. Publications in Peer Reviewed Journals

1. Schentag JJ, Gengo FM, Plaut M, Danner D, Mangione A, Jusko WJ. Urinary casts as an indicator of renal tubular damage in patients receiving aminoglycosides. Antimicrob Agents Chemother 1979; 16:468-474.
2. Gengo FM, Frazer A, Ramsey TA, Mendels J. Lithium ratio as a guide to patient compliance. Comp Psych 1980; 21:276-280.
3. Gengo FM, Timko J, DiAntonio J, Ramsey TA, Frazer A, Mendels J. Prediction of lithium carbonate dosage: use of standard predictive methods. J Clin Psych 1980; 41: 319-321.
4. Gengo FM and Schentag JJ. Methicillin distribution in serum and extravascular

- fluid, and its relevance to normal and damaged heart valves. *Antimicrob Agents Chemother* 1981; 19:836-841.
5. Gengo FM and Schentag JJ. The rate of methicillin penetration into normal heart valves and endocarditis lesions. *Antimicrob Agents Chemother* 1982; 21:456-459.
 6. Schentag JJ, Gengo FM. Principles of antibiotic tissue penetration and guidelines for pharmacokinetic analysis. *Med Clin N Amer* 1982; 66:39-49.
 7. Gengo FM, Schentag JJ, Jusko WJ. Pharmacokinetics of capacity limited tissue distribution of methicillin in rabbits. *J Pharm Sci* 1984; 73:867-872.
 8. Fitzpatrick BF, Gengo FM, Schentag JJ. Moxalactam penetration into normal heart valves, cardiac vegetations, and myocardium in relation to protein binding and physiologic distribution spaces. *Antimicrob Agents Chemother* 1984; 26:228-230.
 9. Gengo FM, Mannion TW, Nightingale CH, Schentag JJ. Integration of pharmacokinetics and pharmacodynamics of methicillin in curative treatment of experimental endocarditis. *J Antimicrob Chemother* 1984; 14:619-631.
 10. Gengo FM, Tokasz MA, McHugh WB, Kinkel WR. High pressure liquid chromatographic analysis of metoprolol and hydroxymetoprolol from serum, urine and CSF. *J Pharm Sci* 1984; 73:961-963.
 11. Gengo FM, Ulatowski J, McHugh WB, Kinkel WR. The pharmacokinetics and pharmacodynamics of metoprolol in patients with tremor. *Clin Pharmacol Ther* 1984; 36:320-326.
 12. Gengo FM, Kinkel WR, Fagan SC, McHugh WB. Serum concentration of propranolol and migraine prophylaxis. *Arch Neurol* 1984; 41 (12):1306-1307.
 13. Gengo FM, Kalonaros GC, Cary C, Ermer JC, McHugh WB. The relationship between serum concentrations and central nervous system actions of metoprolol. *J Neurol, Neurosurg & Psycho* 1985; 48:101-107.
 14. Gengo FM, McHugh WB. Attenuation of the response to mental stress by metoprolol in tremor patients. *Arch Neuro* 1986; 43:687-689.
 15. Gengo FM, Ermer JC, Huntoon L, McHugh WB. A comparison of the CNS depressant effect of a lipid and water soluble beta-blocker. *Arch Intern Med* 1987; 147:39-43.
 16. Gengo FM. The relevance of lipid solubility to central nervous system effects of

beta-adrenergic blocking drugs. Primary Cardio 1986; Special Edition No. 2.

17. Morris ME, Gengo FM, Kinkel WR, Castellani DA, Levy G. Effect of acetaminophen on inorganic sulfate concentrations in human cerebrospinal fluid. *J Pharm Sci* 1986; 75:722-723.
18. Pollack GM, McHugh WB, Gengo FM, Ermer JC, Shen DD. Accumulation and washout kinetics of valproic acid and its active metabolites. *J Clin Pharmacol* 1986; 7(10):668-676.
19. Gengo FM, Fagan SC, Bernhard H, Krol G. Nimodipine disposition and haemodynamic effects in patients with cirrhosis and age-matched controls. *Br J Clin Pharmacol* 1987; 23:47-53.
20. Fagan SC, Castellani DA, Gengo FM. Prostanoid concentrations in human CSF following acute ischemic brain infarction. *Clin Exp Pharmacol Physiol* 1986; 13:29-32.
21. Green JA, Nara A, Gengo FM. Characterization of the dose and concentration dependent effects of nifedipine in congestive heart failure. *J Clin Pharm* 1987; 27:574-581.
22. Gengo FM, DaBronzo J, Huntoon L, Yurchak A. A quantitative comparison of the sedative effects of hydroxyzine and its active metabolite. *Clin Pharmacol Ther* 1987; 42:265-272.
23. Gengo FM, Gabos C. Antihistamines, drowsiness, and psychomotor impairment: CNS effect of cetirizine. *Annals of Allergy and Immunology* 1987; 59(6):53-58 Part II.
24. Fagan SC, Gengo FM, Bates V, Levine SR, Kinkel WR. Effect of nimodipine on blood pressure in human acute ischemic stroke. *Stroke* 1998; 19(3).
25. Gengo FM, Fagan SC, dePadova A, Miller JK, Kinkel PR. The effects of beta-blockers on cognitive function in elderly hypertensive patients. *Arch Intern Med* 1988; 148(4):779-784.
26. Gengo FM, Gabos C. CNS considerations in the use of beta-blockers, ACE inhibitors and diuretics for essential hypertension. *American Heart Journal* 1988; 116(1): Part II 305-310.
27. Gengo FM, Fagan SC, D. Wagner, L.N. Hopkins, Schuster D. Evidence on non-linear CNS uptake of atenolol. *Pharmaceutical Research* 1989; 6(3):248-251.
28. Schuster D, Woodruff-Modi M, Lalka D, Gengo FM. A reverse phase HPLC

- assay to resolve metoprolol enantiomers in plasma. *Journal of Chromatography* 1988; 433: 318-325.
29. Gengo, FM, Gabos C, JK Miller. Pharmacodynamics of diphenhydramine induced sedation and mental impairment. *Clin Pharm Therap* 1989; 45:15-21.
 30. Gengo FM, Gabos C, Mechtler L. Quantitative Effects of Cetirizine and Diphenhydramine on Mental Performance using an Automobile Driving Simulator. *Annals of Allergy* 1990; 64(6)520-526.
 31. Gengo FM, Manning C, Gabos C, Straley C. The pharmacodynamics of ethanol: effects on performance and judgment. *Journal Clinical Pharmacology* 1990; 30(8)748-754.
 32. Gengo FM. The Pharmacokinetics of Benazepril Relative to Other ACE Inhibitors. *Clinical Cardiology* 1991; 14(Suppl.IV) IV-44-50.
 33. Gengo FM, Manning C. A review of the effects of antihistamines on automobile driving. *Journal Allergy and Clinical Immunology* 1990; 86(6) Part 2:1034-1039.
 34. Chmielowiec D, Schuster D, Gengo, F. Determination of Pindolol in Human Serum by HPLC. *Journal of Chromatographic Science* 1991; 29:37-39.
 35. Gengo FM, Scandale L, Kinkel PR, Manning EJ. Effects of three beta blockers on objective measures of sleep and life quality in older hypertensives. In press *Journal of Internal Medicine*.
 36. Blair MI, Hisa H, Sladek CD, Radke KJ, Izzo JL, Gengo FM. Dual adrenergic control of renin during non-hypotensive hemorrhage in conscious dogs. *American Journal of Physiology* 1991; E910-E919.
 37. Zulich SG, Grasela TH, Fiedler-Kelly JB, Gengo FM. Changes in prescribing patterns in long term care facilities and impact on incidence of adverse events. *Annals of Pharmacotherapy* 1992; 26:539-46.
 38. Manning C, Scandale L, Manning E, Gengo F. The Central Nervous System Effects of Meclizine and Dimenhydrinate: Evidence of Acute Tolerance to Antihistamines. *Journal of Clinical Pharmacology* 1992; 32(11):996-1002.
 39. Gengo FM, Fullerton T, Schuster D, Chmielowiec D, Kinkel, PR. The Effects of Aspirin and Ibuprofen on Platelet Function in Cerebrovascular Disease: Relationship of Drug Concentrations and Effect. In press *Archives of Neurology*.
 40. Gengo FM, Fullerton T. Sumatriptan: A Selective 5- Hydroxytryptamine Receptor Agonist for the Acute Treatment of Migraine. *Annals of*

Pharmacotherapy 1992; 26:800-808.

41. Zulich SG, Grasela TH, Fiedler-Kelley JB, Gengo FM. Impact of Triplicate Prescription Program on Psychotropic Prescribing Patterns in Long-term Care Facilities. *Annals of Pharmacotherapy* 1992; 26:539-46.
42. Halbreich U, Manning C, Lumley L, Gengo F. Simulated Driving in Women with Premenstrual Dysphoric Disorders. *J. Psych Research* 1995 (3) 153-163
43. Halbreich U, Lumley L, Palter S, Manning C, Gengo F, Joe S. Possible Acceleration of Age Effects on Cognition Following Menopause. *J Psychiat Res* 1995 Vol 29 :(3)153-163.
44. Fullerton T, Solomon B, Kinkel P, Gengo F. Pharmacodynamics of the (S) – Ibuprofen Aspirin Interaction on Human Antiplatelet Activity. *J Clin Pharmacol* 1992; 32:742-767. (Abstract)
45. Burstein AH, Hatton M, Modica R, Gengo FM. Plasma Concentration Profile, and Effects on Dental Procedure Associated Anxiety, of Intranasally Administered Midazolam. American Dental Society of Anesthesiology, Inc. Submitted January 1994. (Abstract)
Anesthesia Progress 1996; 43:52-57.
46. Burstein AH, Modica R, Hatton M, Gengo FM. Pharmacokinetics (PK) and Pharmacodynamics (PD) of Midazolam Following Intranasal (IN) Administration to Normal Volunteers. . *J. Clinical Pharmacology* 1997 (8)711-718
47. Gengo FM, Cwudzinski D, Kinkel P, Block G, Stauffer L, Lines C. Effects of Treatment with Lovastatin and Pravastatin on Daytime Cognitive Performance. *Clinical Cardiology* 1995; 18:209-215.
48. Halbreich U, Sumley L, Palter S, Manning C, Gengo FM, Sook-Haeng J. Possible Acceleration of Age Effects on Cognition Following Menopause. *Journal of Psychiatric Research* 1995; 29:153-63.
49. Fullerton T, Gengo FM, Tegeler CH, Davidai G, Fox A. Pharmacodynamics of nitroglycerin-induced headache. *Clin Pharmacology Ther* 1995; 57:190.
50. Blair ML, Gengo FM, et al. Beta-adrenergic control of renin in sodium-deprived conscious dogs: renal versus extra renal location. *Can J Physiol Pharmacol* 1995; 73:1198-202.
51. Tegeler CH, Gengo FM, et al. Middle cerebral artery velocity correlates with nitroglycerin-induced headache onset. *Journal of Neuroimaging* 1996; 6:81-6.

52. Gengo FM. Reduction of the central nervous system adverse effects associated with antihistamines in the management of allergic disorders: strategies and progress. *J Allergy Clin Immunol* 1996; 98:S319-25.
53. Burstein AH, Modica R, Hatton M, Gengo FM. Intranasal midazolam plasma concentration profile and its effect on anxiety associated with dental procedures. *Anesth Prog* 1996. Spring 43(2):52-7.
54. Fullerton T, Komorowski D, Gengo FM, Forrest A. Pharmacodynamics of sumatriptan in nitroglycerin-induced headache. *J Clin Pharmacol* 1999; 39:17-29.
55. Burstein AH, Gengo FM, et al. Pharmacokinetics and pharmacodynamics of midazolam after intranasal administration. *J Clin Pharmacol* 1997; 37:711-8.
56. Grotta J, Gengo FM, et al. Lubeluzole Treatment of Acute Ischemic Stroke. *Stroke* 1997; 28:2338-2346.
57. Barnett HJ, Taylor DW, Elias WM, Fox AJ, et al. Benefit of carotid endarterectomy in patients with symptomatic moderate or severe stenosis: North American Symptomatic Carotid Endarterectomy Trial. *N Engl J Med* 1998, 339(20)1415-25.
58. Gengo FM. The Stroke Pharmacopeia: Promising Experimental Therapies. *Pharmacotherapy* 1998; Vol 18(3) Part 2:85S-118S.
59. Teall J, Tuchman M, Cutler N, Gross M, Gengo FM, et al. Rizatriptan (MAXALT) for the Acute Treatment of Migraine and Migraine Recurrence. A Placebo-Controlled, Outpatient Study. *Headache* 1998; 38:281-287.
60. ACE Study Group. Low-dose and high-dose acetylsalicylic acid for patients undergoing carotid endarterectomy: a randomized controlled trial. *Lancet* 1999; 353:2179-84.
61. Erman MK, Erwin CQ, Gengo FM, et al. Comparative efficacy of zolpidem and temazepam in transient insomnia. *Hum Psychopharmacol Clin Exp* 2001; 16:169-176.
62. Gengo FM. Effects of Ibuprofen on Sleep Quality as Measured Using Polysomnography and Subjective Measures in Healthy Volunteers *Clinical Therapeutics* 2007 Vol 28 No 11 1820-1826.
63. Gengo FM, Robson M, Gengo MF, Rainka MR Hourihane M, Bates VE The Prevalence of Platelet Non Responsiveness to Aspirin in Patients treated for

Secondary Stroke Prophylaxis and in Patients with Recurrent Ischemic Events
Journal of Clinical Pharmacology 48 (3) 335 -343 2008.

64. Gengo FM, Rubin L, Robson M, Gengo MF, Mager DE, Rainka MR, Bates VE Effects of Ibuprofen on the Magnitude and Duration of Aspirin's Inhibition of Platelet Aggregation: Clinical Consequences in Stroke Prophylaxis Journal of Clinical Pharmacology. 48(1):117-22, 2008 Jan.
65. Hong Y, Gengo FM, Rainka MR, Bates VE, Mager DE, Population Pharmacodynamic Modeling of Aspirin and Ibuprofen Induced Inhibition of Platelet Aggregation in Healthy Subjects *Clinical Pharmacokinetics*. 47(2):129-37, 2008.
66. Gengo FM, Rainka M, Westphal E.S., Gengo M, Robson M, Hourihane J, Bates VE. Platelet Response to Increased Aspirin Dose in Patients Whose Platelets were Non-Responsive to Low Dose Aspirin Stroke. Stroke, 40 e127. Abstract 85. April 2009.
67. KM. Gawronski. MM Rainka. MJ Patel. FM. Gengo. Emerging Therapies for the Treatment of Multiple Sclerosis. Pharmacotherapy. September 2010.
68. F.M. Gengo, M. Rainka, E. Westphal, L. Radecki, M. Robson, M. Hourihane, V. Bates. (2010) An Assay to Assess Antiplatelet Effects of Dipyridamol at Therapeutic Concentrations. The Journal of Clinical Pharmacology, 50(9), 1069. Abstract 57.
69. F.M. Gengo, M. Robson, M. Rainka, E. Westphal, M. Gengo, M. Hourihane, V. Bates. The Prevalence of Platelet Non-Responsiveness to Clopidogrel and the Effect of Cytochrome P450 1A2 Inducing Medications. Accepted. The Journal of Clinical Pharmacology, 50(9), 1069. Abstract 58.
70. F.M. Gengo, M. Rainka, E. Westphal, L. Kurczewski, M. Hourihane, V. Bates. Clopidogrel Enhances Platelet Responsiveness to Aspirin. The Journal of Clinical Pharmacology, 50(9), 1070. Abstract 59.
71. F.M. Gengo, M. Rainka, E. Westphal, M. Robson^{3*}, M. Hourihane, V. Bates. (2010) Platelet Response to Increased Aspirin Dose in Patients whose Platelets Were Non-Responsive to Lower Aspirin Doses. The Journal of Clinical Pharmacology, 50(9), 1069. Abstract 56 (Encore).
72. F.M. Gengo, E. Przespo, E. Westphal, M. Rainka, M. Hourihane, V. Bates. Evaluating the Clopidogrel-Proton Pump Inhibitor Interaction by Comparing

Platelet Aggregation to ADP with Clopidogrel in the Presence of Proton Pump Inhibitors. *The Journal of Clinical Pharmacology*, 51(9), 1331. Abstract 1118515.

73. Gengo, F., Nezami, B., Westphal, E.S., Rainka, M., Rowcliffe, M.M., Bates, V. (2013, October). Topical Diclofenac Does Not Affect the Antiplatelet Properties of Aspirin as Compared to the Intermediate Effects of Oral Diclofenac: a Prospective, Randomized, Complete Crossover Study. *Clinical Pharmacology in Drug Development*. 2(S1). Abstract.
74. Westphal, E.S., Snyder, C.E., Rainka, M., Bates, V., Gengo, FM. (2013, September). The Development of a Whole Blood Impedance Aggregometry Assay to Differentiate Between Pharmacokinetic and Pharmacodynamic Aspirin Resistance Using Varying Concentrations of DMSO and Aspirin. *Clinical Pharmacology in Drug Development*. 2 (S1). Abstract.
75. Wolff, S., Gengo, F., Westphal, E.S., Rainka, M., Bates, V. (2014, February). A Concentration Response Relationship between the Active Metabolite of Clopidogrel and its Antiplatelet Activity. *Stroke*. 45: Abstract T MP108.
76. Westphal, E.S., Gengo, F., Rainka, M., Robson, M., Hourihane, M., Bates, V., (June, 2014). Can a Higher Dose of Aspirin Improve Platelet Response in Patients With Stroke? *Neurology Reviews*, 22(6), 8
77. Westphal, E.S., Gengo, F., Rainka, M., Galdun, P., Bates, V. (2015 February) Assessing Platelet Responsiveness to Aspirin Using Whole Blood Aggregometry versus Urinary 11-Dehydrothromboxane Testing. *Stroke*. 46; Abstract T P386.
78. H.A. Capote, M. Rainka, E.S. Westphal, C.A. Ross, A. Laudisio, B. Pinger, F.M. Gengo. Ropinirole in Bipolar Depression: A Retrospective Review. *Neurology*, 84; 14 Supplement P6.034.
79. F.M. Gengo, E. Przespo, E. Westphal, M. Rainka, M. Hourihane, V. Bates. (2015 April). Evaluating the Clopidogrel-Proton Pump Inhibitor Interaction by Comparing Platelet Aggregation to ADP with Clopidogrel in the Presence of Proton Pump Inhibitors. *Neurology*, 84; 14 Supplement P5.144.
80. Gengo, F., Westphal, E. S., Rainka, M., Janda, M., Robson, M., Hourihane, M., Bates, V. (2016 [Epub Oct, 2015]). Platelet Response to Increased Aspirin Dose in Patients with Persistent Platelet Aggregation While treated with Aspirin 81 mg. *The Journal of Clinical Pharmacology*, 56(4), 414-421
81. Rowcliffe, M., Nezami, B., Westphal, E.S., Rainka, M., Janda, M., Bates, V.

- (2016 [Epub Nov, 2015]). Topical Diclofenac Does Not Affect the Antiplatelet Properties of Aspirin as Compared to the Intermediate Effects of Oral Diclofenac: A Prospective, Randomized, Complete Crossover Study. *Journal of Clinical Pharmacology*, 56(4), 422-428
82. Capote H. A., Rainka M., Westphal, E. S., Beecher, J., Gengo F. M. (2017 [Epub Jan, 2017]). Ropinirole in Bipolar Disorder: Rate of Manic Switching and Change in Disease Severity. *Perspectives in Psychiatric Care Journal of Clinical Pharmacology*, 1-7 (Formal Journal Publication to Follow)
 83. Rainka, M., Aladeen, T., Westphal, E., Meaney, J., Gengo, F., Capote, H. (2017). L-Methylfolate Calcium in Adolescents and Children: A Retrospective Analysis *Journal of Child and Adolescent Psychopharmacology*, 00(2017). (Accepted. Formal Publication to Follow)
 84. Aladeen, T., Westphal, E.S., Lee, Y., Rong, C., Rainka M., Capote, H., McIntyre, R. S. (2018) The Use of Brexpiprazole amongst Individuals with Insufficient Outcomes with Aripiprazole or Bupropion: A Case Series. *Perspectives in Psychiatric Care*, Accepted for publication December, 26th 2017; Issue and Volume to follow.
 85. Przespolewski E.R., Westphal E. S., Rainka M., Smith N. M., Bates, V., Gengo, F. M. (2017). Evaluating the Effect of Six Proton Pump Inhibitors on the Antiplatelet Effects of Clopidogrel. *Journal of Stroke and Cerebrovascular Diseases*. Accepted for publication January, 11th 2018; Issue and Volume to follow.
 86. Erica S. Westphal B.Sc.^{1,†}, Caitlin Wisniewski Pharm.D.³, Michelle Rainka Pharm.D.^{1,3}, Nicholas M. Smith B.Sc.^{2,3,†}, Vernice Bates M.D.¹, Fran M Gengo Pharm.D., FCP¹. The Development of an in vitro Assay for the Prospective Determination of Aspirin Sensitivity Accepted for Publication April 2018 *Journal of Clinical Pharmacology*
 87. Prospective Determination of Aspirin Sensitivity in Patients Resistant to Low Dose Aspirin: A Proof of Concept Study Erica S. Westphal B.Sc.¹, Michelle Rainka Pharm.D.^{1,3}, Nicholas M. Smith B.Sc.^{2,3,†}, Traci Aladeen, Pharm.D.^{1,3}, Caitlin Snyder, Pharm.D.³, Vernice Bates M.D.^{1,*}, Fran M Gengo Pharm.D., FCP Accepted for Publication April 2018 *Journal of Clinical Pharmacology*
 88. L-Methylfolate Calcium Supplementation in Adolescents and Children: A Retrospective Analysis Michelle Rainka PharmD*†, Traci Aladeen PharmD*†, Erica Westphal BA/BS*, Jacqueline Meaney PharmD†, Fran Gengo PharmD*†, Jessica Greger†, Horacio Capote MD*† *Journal of Psychiatric Practice (JPP)*, May 2019

89. A Review of Cannabis and Interactions With Anticoagulant and Antiplatelet Agents Jessica Greger PharmD Vernice Bates MD Laszlo Mechtler MD Fran Gengo PharmD Journal of Clinical Pharmacology Vol 60 432-438 April 2020
90. Mechtler LL, Gengo FM, Bargnes VH. Cannabis and Migraine: It's Complicated. Curr Pain Headache Rep. 2021 Feb 25;25(3):16. doi: 10.1007/s11916-020-00931-2. PMID: 33630181.
91. Jessica Greger Pharm.D.1,2, Rachael Wojcik B.Sc., Erica Westphal B.A., B.Sc., **Traci Aladeen Pharm.D.**, Kaitlin Landolf Pharm.D., Samantha Boyce Pharm.D.1,2, Michelle Rainka Pharm.D., Fran Gengo Pharm.D., FCCP, Vernice Bates M.D. Pharmacist intervention and anti-platelet medication monitoring in patients following stroke and transient ischemic attack. J Am Coll Clin Pharm, Oct 2020:1–7.
 92. Erica S Westphal BSc, BA, Traci Aladeen PharmD, Denis Vanini BSc, Michelle Rainka PharmD, Kaitlin McCadden, Francis M. Gengo PharmD, FCP, Vernice Bates MD. Generic clopidogrel: Has substitution for brand name Plavix® been effective? J Pharm Prac, Jan 2021. Accepted, final proofs pending.

3. Abstracts Presented at Professional/Academic meetings

1. Gengo FM, Downs GE, Shinnick J. Drug and dye cross tolerance in an aspirin intolerant asthmatic. Proc 13th Midyear Clinical Symposium, American Society of Hospital Pharmacists, San Antonio, Texas, 1978.
2. Gengo FM, Jusko WJ, Schentag JJ. Saturation of methicillin tissue uptake. Abstract, 20th Interscience Conference of Antimicrobial Agents and Chemotherapy, New Orleans, Louisiana, 1980.
3. Gengo FM, Schentag JJ, Jusko WJ. Pharmacokinetics of saturable tissue uptake in rabbits. Abstract, American Pharmaceutical Association Academy of Pharmaceutical Sciences, San Antonio, Texas, 1980.
4. Gengo FM, Schentag JJ. Pharmacokinetics of methicillin uptake into normal and scarred heart valves in rabbits. Abstract, 2nd Annual Meeting, American College of Clinical Pharmacy. Scottsdale, Arizona, 1981.
5. Gengo FM, Nightingale CH, Schentag JJ. Superiority of intermittent dosing of methicillin in experimental endocarditis. Abstract, 83rd Annual Meeting,

- American Society for Clinical Pharmacology and Therapeutics, Orlando, Florida, 1982.
6. Gengo FM, Schentag JJ. Pharmacokinetic method of identification of curative penicillin dosage intervals in experimental endocarditis. Abstract, 22nd Interscience Conference on Antimicrobial Agents and Chemotherapy, Miami, Florida, 1982.
 7. Gengo FM. Pharmacokinetics of Pharmacologic Effect. Antibiotic Dosage Regimens. 5th Annual Eino Nelson Pharmaceutics Symposium, Nassau, Bahamas, 1982.
 8. Gengo FM, Ulatowski J, McHugh WB, Kinkel WR. Pharmacokinetics and effects on mental stress of metoprolol in essential tremor patients. Abstract, 84th Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, San Diego, California, 1983.
 9. Gengo FM, Cary C, Ermer JC, Kalonaros GC, McHugh WB. Possible contribution of hydroxymetoprolol to the CNS actions of metoprolol. 85th Annual Meeting of the American Society of Clinical Pharmacology and Therapeutics, Atlanta, Georgia, February, 1984.
 10. Gengo FM, Fagan SC, McHugh WB. Propranolol concentrations in migraine prophylaxis. 5th Annual Meeting of the American College of Clinical Pharmacy, San Diego, California, 1984.
 11. Gengo FM. "The neuropharmacodynamics of beta receptor antagonists" as part of a symposium, "The interface of pharmacokinetics and pharmacodynamics." APHA Academy of Pharmaceutical Sciences, Philadelphia, Pennsylvania, 1984.
 12. Gengo FM, Castellani DA, Fagan SC. Cerebrospinal fluid prostanoid concentrations in ischemic stroke. 37th Annual Meeting of the American Academy of Neurology, Dallas, Texas, April, 1985.
 13. Gengo FM, Huntoon L, Kinkel WR. The influence of lipid solubility of the neuropharmacodynamics of beta-blockers. 37th Annual Meeting of the American Academy of Neurology, Dallas, Texas, April, 1985.
 14. Gengo FM, Huntoon L, Fagan SC. Simultaneous pharmacodynamics of multiple actions of metoprolol. 86th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, San Antonio, Texas, 1985.
 15. Fagan SC, Bernhard H, Gengo FM. The influence of liver disease on the disposition and hemodynamic effects of nimodipine. 87th Annual Meeting of the American Society for Clinical Pharmacology, Washington, DC, 1986.

16. Gengo FM, Fagan SC, Bates VE, McHugh WB, Kinkel WR. Nimodipine effects on blood pressure following acute stroke. 88th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Orlando, Florida, 1987.
17. Gengo FM, Dabronzo J, Miller JK, Yurchak A. The time course of concentrations and CNS effects of hydroxyzine and its metabolite, cetirizine. 88th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Orlando, Florida, 1987.
18. Fagan SC, Gengo FM. Time course of changes in CSF thromboxane B2 concentrations after experimental cerebral ischemia. 39th Annual Meeting of the American Academy of Neurology, New York, New York, 1987.
19. Schentag JJ, Gengo FM, Wilton JH, Sedman AJ, Grasela TH, Bockbrader HN. Influence of phenobarbital, cimetidine, and renal disease on zonisamide kinetics. 2nd Annual Meeting of the American Association of Pharmaceutical Scientists, Washington, DC, 1987.
20. Gabos C, Miller JK, Gengo FM. Effects of antihistamines on simulated driving performance and cognitive skills. 8th Annual Meeting of the American College of Clinical Pharmacy, Houston, TX, July 1987.
21. Gengo FM, Fagan S, dePadova A, Kinkel P. The effects of lipid and water soluble beta-blockers on cognitive performance in elderly hypertensive patients. 2nd Cardiovascular Pharmacotherapy International Symposium, San Francisco, CA, October 1987.
22. Gabos C, Miller K, Gengo FM. Cognitive Impairment and Drowsiness Occur at Different Threshold Concentrations of Diphenhydramine. 89th Annual Meeting of the Clinical Pharmacology and Therapeutics, San Diego, CA, March 1988.
23. Gengo FM, Schuster D, Bowles S. Evidence of non-linear uptake of atenolol into the CNS. 89th Annual Meeting of the Clinical Pharmacology and Therapeutics, San Diego, CA, March 1988.
24. Gengo FM, Gabos C, Mechtler L. The effects of diphenhydramine and increasing doses of cetirizine on simulated automobile driving. 44th Annual Meeting of the American Academy of Allergy and Immunology, Anaheim, CA, March 1988.
25. Gengo FM. Drug and Alcohol Interactions. Governors Traffic Safety Committee Annual Conference Albany, NY, April 1988.
26. Gabos C, Fayad PB, Mechtler L, Gengo FM. Cyclobenzaprine impairs learning

but no psychometric performance. Ninth Annual Meeting of the American College of Clinical Pharmacy, Philadelphia, PA, July 1988.

27. Gengo, FM, Gabos C. A Pharmacodynamic Method to Assess Ethanol Tolerance. American Society for Clinical Pharmacology and Therapeutics, Nashville, Tennessee, March 1989.
28. Gengo FM, Gabos C. The Pharmacodynamic of Ethanol in Simulated Automobile Driving: Effect on Performance and Judgment. American Academy of Neurology Chicago, Illinois, April 1989.
29. Gengo FM. Performance and Quality of Life in Allergic Disease. American Academy of Family Physicians Dallas, Texas, October 1990.
30. Gengo, FM. Update on the New Non-Sedating Antihistamines. 92nd Annual Meeting National Association of Retail Druggist Nashville, Tennessee, October 1990.
31. Gengo FM. Impact on Performance and Quality of Life for Allergic Patients. American College of Physicians New Orleans, Louisiana, April 1991.
32. Gengo FM. New Directions in Neuropharmacology/Dementia - Parkinson's disease. 1991 Mid-Year Clinical Meeting New York State Council of Hospital Pharmacists New York, New York - April 1991.
33. Gengo FM. Impact of Triplicate Prescription Regulations on Drug Prescribing in Nursing Homes. Technical Review on the Evaluation of the Impact of Prescription Drug Diversion Control Systems on Medical Practice and Patient Care. National Institute on Drug Abuse. Bethesda, Maryland - June 1991.
34. Gengo FM. "Ace Inhibition: Treating Hypertension in the Mature and Elderly". Physiology of Aging and Pharmacokinetics of Drug Therapy in Mature and Elderly Patients. Vancouver, BC August 1991.
35. Gengo FM. 12th Annual Meeting of the American College of Clinical Pharmacy. Moderator: Blood Brain Barrier. Minneapolis, Minnesota, August 1991.
36. Gengo FM. 20th Annual Meeting of the American College of Clinical Pharmacology. The CNS Effects of Meclizine & Dimenhydrinate Evidence of Acute Tolerance to Antihistamines. Atlanta, Georgia, October 1991.
37. Gengo FM. 23rd Annual Meeting of the Hungarian Medical Association of America, Inc. "Pharmacokinetics of a New ACE Inhibitor Benazepril in special Populations. Sarasota, Florida, October 1991.

38. Gengo FM. Contemporary Management of Migraine Headache. 2nd Annual Meeting of NYS College of Clinical Pharmacy. Syracuse, NY, May 1992.
39. Gengo FM. Assessing Subtle Neuropsychologic Deficits. Academy of Behavioral Medicine Research Annual Meeting. UCLA Lake Arrowhead Conference Center, San Diego, CA June 1992.
40. Fullerton T, Solomon B, Kinkel P, Gengo FM. Evaluation of the S-ibuprofen/aspirin interaction on human anti-platelet activity (poster). Presented at the 21st Annual Meeting of the American College of Clinical Pharmacology, Washington, D.C. September 17-19, 1992.
41. Zullich S, Grasela T, Fiedler-Kelley J, Gengo F. Changes in Prescribing Patterns in Long-Term Care Facilities and Impact on Incidence of Adverse Events. National Institute on Drug Abuse Research Monograph Series 131, Impact of Prescription Drug Diversion Control Systems on Medical Practice and Patient Care.
42. Kinkel P, Gengo FM, Ravi SK, Miller JK, Fritz JV. Longitudinal Study of Neurologically Normal Hypertensive Patients Using Magnetic Resonance Imaging. American Academy of Neurology 1993.
43. Gengo FM, Cwudzinski D, Chmielowiec D, Maurer T, Manning E. The Lack of Effect of Chloral Hydrate in Elderly Subjects. 7th Annual APSS Meeting, Los Angeles, CA, June 1993.
44. Gengo FM, Cwudzinski D, Kinkel P, Block G, Stauffer L, Lines C. The Effects of Lovastatin & Pravastatin on Daytime Performance in Patients with Hypercholesterolemia. European Atherosclerosis Society 62nd Eas Congress. Submitted July 1993 (Abstract)
45. Fullerton T, Gengo FM. Pharmacodynamics of the anti-platelet effects of S-ibuprofen in normal volunteers. 14th Annual Meeting of the American College of Clinical Pharmacy, Reno, Nevada, August 1993.
46. Burstein AH, Hatton M, Modica R, Gengo FM. Plasma Concentration Profile, and Effects on Dental Procedure Associated Anxiety, of Intranasally Administered Midazolam. American Dental Society of Anesthesiology, Inc. Submitted January 1994. (Abstract)
47. Fullerton T., Gengo F., Tegeler C., Davidai G. Pharmacodynamics of Nitroglycerin (NTG) - Induced Headache (HA). American College of Clinical Pharmacology. Submitted January 1994. (Abstract) 61.
48. Gengo FM. Risk Management in Asthma and Allergic Diseases. The

Immunology Research Institute of New England and the American College of Allergy and Immunology. "Potential Adverse Effects of Pharmacologic Therapy for Allergic Disease". Boston, Massachusetts, January 29, 1994.

49. Fullerton T, McKinnon P, Gengo FM. Pharmacodynamics of aspirin's anti-platelet effect to collagen agonism: A single-dose interaction study with acetaminophen and ibuprofen. 94th Annual meeting of the American Society for Clinical Pharmacology and Therapeutics, New Orleans, Louisiana, March 1994.
50. Burstein AH, Hatton M, Modica R, Gengo FM. Plasma Concentration Profile, and Effects on Dental Procedure Associated Anxiety, of Intranasally Administered Midazolam. Platform Presentation, 41st Annual meeting of the American Dental Society of Anesthesiology. Boston, MA. April 14, 1994.
51. Gengo FM, Fullerton T, Tegeler CH, Davidai G, Fox A. Assessing the Pharmacodynamics of CNS Acting Medications. "Pharmacodynamics of Nitroglycerin (NTG)-Induced Headache (HA). (Abstract). American College of Clinical Pharmacology, 14th Frontiers Symposium. Rockville, MD. April 29-30, 1994.
52. Burstein AH., Modica R., Hatton M., Gengo FM. Pharmacokinetics (PK) and Pharmacodynamic (PD) of Midazolam Following Intranasal (IN) Administration to Normal Volunteers. American College of Clinical Pharmacology. Submitted May 1994. (Abstract) Orlando, Florida, October 6-8, 1994.
53. Fullerton T, Gengo F, Tegeler CH, Davidai G, Fox A. Pharmacodynamics (PD) of Nitroglycerin (NTG) Headache (HA). American Society for Clinical Pharmacology Therapeutics - Headache sub-specialty section. 96th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics. San Diego, California, March 1995.
54. Erman M., Erwin C., Gengo F., Jamieson A., Lemmi H., Mahoward M., Regestein Q., Roth T., Scharf M., Vogel G., Walsh J., Ware J. Efficacy of Zolpidem and Temazepam in Transient Insomnia. APSS 9th Annual Meeting Nashville, Tennessee, May 30-June 4, 1995.
55. Gengo F., Cwudzinski D., Manning E. Residual Daytime Effects of Zolpidem, Temazepam, and Doxylamine in Healthy Volunteers. APSS 9th Annual Meeting Nashville, Tennessee, May 30-June 4, 1995.
56. Gengo FM. The Effects of Ibuprofen on Polysomnographic and Subjective Measures of Sleep in Healthy Adults. 25th Annual Meeting of the American College of Clinical Pharmacology. Poster presentation. Philadelphia, PA, September 28, 1996.

57. Gengo FM. Pharmacotherapy and Economics of Stroke. Held during the American Society of Health-System Pharmacists Midyear Meeting. "The Stroke Pharmacopeia: Experimental Therapies" New Orleans, Louisiana, December 10, 1996.
58. Gengo FM. Pharmacotherapeutic Issues in Dementia. Georgia Pharmacy Association's 1997 Annual Convention. Nashville, Tennessee, June 17, 1997.
59. Gengo FM. Prophylaxis of Migraine. First International Meeting of the College of Psychiatric and Neurologic Pharmacists: Optimizing Pharmacotherapy and Outcomes in the Neuro-Psychiatric Patient. Orlando, Florida, April 25-26, 1998.
60. Gengo FM. The role of Histaminergic Systems and Antihistaminergic agents in the Central Nervous System. 26 Annual International Conferences for Pediatric/Adult Allergy and Clinical Immunology Toronto, Ontario July 2002.
61. Gengo FM. New York State Chapter of the American College of Clinical Pharmacy. Spring Clinical Meeting. "CNS Adverse Effects with Antimuscarinics" New York, New York, June 18, 2004.
62. Gengo FM, Robson M, Gengo MF, Rainka MR, Hourihane M, Bates VE. The Prevalence of Platelet Non Responsiveness to Aspirin in Patients treated for Secondary Stroke Prophylaxis and in Patients with Recurrent Ischemic Events Stroke 2006 Vol 37, No 2 p715 Abstract
63. Gengo FM, Rubin L, Robson M, Gengo MF, Mager DE, Rainka MR, Bates VE. Effects of Ibuprofen on the Magnitude and Duration of Aspirin's Inhibition of Platelet Aggregation: Clinical Consequences in Stroke Prophylaxis 2006 Vol 46 Number 9 Journal of Clinical Pharmacology p 1073 Abstract
64. Rainka MR, Bates VE, Gengo FM. The Effects of Oral Contraceptives on the Blood Viscosity and Carotid Blood Flow in Female Migraineurs: Relationship to Ischemic Changes in Brain White Matter Stroke 2006 vol 37 Number 2 p 721 Abstract
65. Hong Y, Gengo FM, Rainka MR, Bates VE, Majer DE. Population Pharmacodynamic Modeling of Aspirin and Ibuprofen Induced Inhibition of Platelet Aggregation in Healthy Subjects 2007, Vol 81 s 25 Clinical Pharmacology and Therapeutics Abstract
66. Gengo FM , Liana D, Robson M, Gengo MF, Rainka M, Bates VE. Effects of Ascorbic Acid on Platelet Responsiveness to Clopidogrel in Patients Treated for Secondary Stroke Prophylaxis Stroke Feb 2008, Paper to be presented at the 2008 International Stroke Meeting, American Heart Association, New Orleans,

La.

67. Gengo FM , Rainka M, Gengo M, Robson M, Hourihane J, Bates VE. Platelet Response to Increased Aspirin Dose in Patients Whose Platelets were Non-Responsive to Low Dose Aspirin Stroke. *Stroke*, 40 e127. Abstract 85. April 2009. Abstract Presented at the 2009 International Stroke Meeting, American Heart Association. San Diego, CA.
68. F.M. Gengo, V. Iyer, M. Robson, M. Gengo, M. Rainka, A. Forrest. Effects of Naproxin on the Time Course of Aspirin Induced Inhibition of Platelet. 110th Annual Meeting American Society of Clinical Pharmacology and Therapeutics Baltimore, Maryland.
69. F.M. Gengo, M. Rainka, E. Westphal, M. Robson^{3*}, M. Hourihane, V. Bates. Platelet Response to Increased Aspirin Dose in Patients Who's Platelets Were Non-Responsive to Lower Aspirin Doses. Presented at Annual Meeting of American College of Clinical Pharmacology Baltimore, Maryland 2010.
70. F.M. Gengo, M. Rainka, E. Westphal, L. Radecki, M. Robson, M. Hourihane, V. Bates. An Assay to Assess Antiplatelet Effects of Dipyrimadole at Therapeutic Concentrations. *The Journal of Clinical Pharmacology*, 50(9), 1069. Abstract 57. Presented at Annual Meeting of American College of Clinical Pharmacology Baltimore, Maryland 2010.
71. F.M. Gengo, M. Rainka, E. Westphal, L. Kurczewski, M. Hourihane, V. Bates. Clopidogrel Enhances Platelet Responsiveness to Aspirin. Presented at Annual Meeting of American College of Clinical Pharmacology Baltimore, Maryland 2010.
72. F.M. Gengo, M. Robson, M. Rainka, E. Westphal, M. Gengo, M. Hourihane, V. Bates. The Prevalence of Platelet Non-Responsiveness to Clopidogrel and the Effect of Cytochrome P450 1A2 Inducing Medications. Presented at Annual Meeting of American College of Clinical Pharmacology Baltimore, Maryland 2010.
73. F.M. Gengo, M. Rainka, J.R. Miller, H. Capote. Clinical Pharmacologic Factors in Interpretation of Serum Benzodiazepine or Opiate Concentrations in Automobile Drivers. Annual Scientific Meeting American Academy of Forensic Sciences Atlanta, Georgia Feb 20-25 2011.
74. M. Rowcliffe, M. Rainka and F.M. Gengo. Pharmacokinetic Post Mortum Evaluation Reveals Death of a Toddler from Carbamazepine to be Accidental rather than Criminal. 64th Annual Scientific Meeting. American Academy of

Forensic Sciences Atlanta, Georgia Feb 20-25 2011.

75. H.A. Capote, M. Rainka, E.S. Westphal, C.A. Ross, A. Laudisio, B. Pinger, F.M. Gengo. Ropinirole in Bipolar Depression: A Retrospective Review. *Neurology*, 84; 14 Supplement P6.034. U. S. Psychiatric and Mental Health Congress 23rd Annual Meeting Orlando, FL Poster Presentation.
76. F.M. Gengo, E. Przespo, E. Westphal, M. Rainka, M. Hourihane, V. Bates. Evaluating the Clopidogrel-Proton Pump Inhibitor Interaction by Comparing Platelet Aggregation to ADP with Clopidogrel in the Presence of Proton Pump Inhibitors. Poster Session presented at the American College of Clinical Pharmacology 40th Annual Meeting, Chicago, IL. September 12, 2011.
77. Nezami, B., Westphal, E.S., Rainka, M., Rowcliffe, M.M., Bates, V. Gengo, F.M. Topical Diclofenac Does Not Affect the Antiplatelet Properties of Aspirin as Compared to the Intermediate Effects of Oral Diclofenac: A Prospective, Randomized, Complete Crossover Study. Poster Session Presented at the 2012 American Society of Health System Pharmacists Midyear Meeting and Exhibition, Las Vegas, NV.

78. Wollenberg, L. A., Ruszaj, D., Westphal, E.S, Rainka, M., Gengo, F. (2012, October). The Use of an Anion-exchange-based Solid Phase Extraction Method to Enhance the Sensitivity of Derivatized Clopidogrel Active Metabolite Detection by Traditional HPLC-MS/MS Assay. Poster presented at the 2012 American Association of Pharmaceutical Scientists Annual Meeting and Exposition, Chicago, IL.
79. Westphal, E.S., Snyder, C.E., Rainka, M., Bates, V., Gengo, FM. (2013, September). The Development of a Whole Blood Impedance Aggregometry Assay to Differentiate Between Pharmacokinetic and Pharmacodynamic Aspirin Resistance Using Varying Concentrations of DMSO and Aspirin. Poster Session Presented at the 2013 American College of Clinical Pharmacology Meeting, Bethesda, MD.
80. Gengo, F., Nezami, B., Westphal, E.S., Rainka, M., Rowcliffe, M.M., Bates, V. (2013, September). Topical Diclofenac Does Not Affect the Antiplatelet Properties of Aspirin as Compared to the Intermediate Effects of Oral Diclofenac: a Prospective, Randomized, Complete Crossover Study. Poster Session presented at the 2013 American College of Clinical Pharmacology Meeting, Bethesda, MD.
81. Wolff, S., Gengo, F., Westphal, E.S., Rainka, M., Bates, V. (2014, February). A Concentration Response Relationship between the Active Metabolite of Clopidogrel and its Antiplatelet Activity. Moderated Poster Presentation at the

2014 International Stroke Conference, San Diego, CA.

82. Wolff, S., Gengo, F., Westphal, E.S., Rainka, M., Bates, V. (2014, April). A Concentration Response Relationship between the Active Metabolite of Clopidogrel and its Antiplatelet Activity. Poster Presented as an encore at the 66th American Academy of Neurology Annual Meeting. Philadelphia, PA.
83. Bates, V., Westphal, E.S., Rainka, M., Gengo, F. (2014, April). 90 Day Outcomes in Stroke/Transient ischemic Attack Patients Receiving Initial or Follow-up Care in Comprehensive Outpatient Stroke Center. Poster Session presented at the 66th American Academy of Neurology Annual Meeting. Philadelphia, PA.
84. Gengo, F., Nezami, B., Westphal, E.S., Rainka, M., Rowcliffe, M.M., Bates, V. (2014, April). Topical Diclofenac Does Not Affect the Antiplatelet Properties of Aspirin as Compared to the Intermediate Effects of Oral Diclofenac: a Prospective, Randomized, Complete Crossover Study. Poster presented at the 66th American Academy of Neurology Annual Meeting. Philadelphia, PA.
85. Westphal, E.S., Gengo, F., Rainka, M., Robson, M., Hourihane, M., Bates, V., (2014, April). Platelet Response to Increased Aspirin Dose in Patients Whose Platelets Were Non-Responsive to Lower Aspirin Doses. Poster presented as an encore at the 66th American Academy of Neurology Annual Meeting. Philadelphia, PA.
86. Westphal, E.S., Gengo, F., Rainka, M., Kurczewski, L., Hourihane, M., Bates, V., (2014, April). Clopidogrel Enhances Platelet Responsiveness to Aspirin. Poster presented as an encore at the 66th American Academy of Neurology Annual Meeting. Philadelphia, PA.
87. Westphal, E.S., Gengo, F., Rainka, M., Galdun, P., Bates, V. (2015 February) Assessing Platelet Responsiveness to Aspirin Using Whole Blood Aggregometry versus Urinary 11-Dehydrothromboxane Testing. *Stroke*. 46; Abstract T P386. Abstract presented as a poster at the International Stroke Conference, Nashville, TN.
88. Meaney J., Rainka, M., Stanford, S., Westphal, E., Asbach, N., Gengo, F., Capote, H. (2015 May) Efficacy of L-Methylfolate for MDD in Patients with MTHFR Mutations. Abstract presented as a poster at the Western Psychological Association Convention, Las Vega, NV.
89. Gengo F., Westphal E., Aladeen T., Rainka M., Bates V. (2015 December) Generic Clopidogrel: Has Substitution for Brand Name Plavix® Been Effective? Presented at: ASHP Midyear Conference, New Orleans, LA. December 7, 2015

90. Westphal, E.S., Rainka, M. M., Amsler, M., Aladeen, T., Snyder, C., Bates, V., Gengo F. M. (2017 February) Predicting Pharmacokinetic Versus Pharmacodynamic Aspirin Resistance in Patients. Abstract accepted for presentation at the International Stroke Conference, Houston, TX.
91. Westphal, E.S., Rainka, M. M., Amsler, M., Aladeen, T., Snyder, C., Bates, V., Gengo F. M. (2017 April) Predicting Pharmacokinetic Versus Pharmacodynamic Aspirin Resistance in Patients. Abstract accepted as an encore presentation at the American Academy of Neurology 69th Annual Meeting, Boston, MA.
92. Westphal, E.S., Rainka, M. M., Amsler, M., Aladeen, T., Snyder, C., Bates, V., Gengo F. M. (2017 April) The Clinical Implications of Assessing Platelet Responsiveness to Aspirin Using Whole Blood Platelet Aggregation versus Urinary 11-Dehydrothromboxane Testing. Abstract accepted as an encore presentation at the American Academy of Neurology 69th Annual Meeting, Boston, MA.
93. Aladeen, T., Lewandowski, E., Rainka, M.M., Westphal, E.S., Beecher, J., Gengo, F.M., Capote, H.A. (2017 September). Comparison of Metabolic Profiles of Newer Second Generation Antipsychotics. Poster Session presented at the 30th Annual Psych Congress: Conference and Exhibition, New Orleans, LA.
94. Aladeen, T., Lewandowski, E., Rainka, M.M., Westphal, E.S., Beecher, J., Gengo, F.M., Capote, H.A. (2017 September) Atypicals, Metabolics, and Cardiovascular Risks in Patients with Mood Disorders and Depression at the 30th Annual Psych Congress Psychiatric Congress, New Orleans, LA.
95. Aladeen, T., Lewandowski, E., Rainka, M.M., Westphal, E.S., Beecher, J., Gengo, F.M., Capote, H.A. (2017 December) Atypicals, Metabolics, and Cardiovascular Risks in Patients with Mood Disorders and Depression at the American Society of Health-System Pharmacists, Orlando, FL.
96. Landolf K., Westphal E., Aladeen T., Rainka M., Gengo F. (2017 December) The Effect of Abrupt Discontinuation of Chronic Aspirin Therapy on Whole Blood Platelet Aggregometry: Pilot Study. Presented at: ASHP Midyear Meeting, New Orleans, LA.
97. Lewandowski E., Aladeen T., Rainka M, Westphal E., Beecher J., Gengo F., Capote H. (2017 December) Comparison of Metabolic Profiles of Newer Second Generation Antipsychotics (SGAs). Presented at: ASHP Midyear Meeting, New Orleans, LA.

98. Gengo F., Westphal E., Aladeen T., McCadden K., Rainka M., Bates V. (2018 April) Generic Clopidogrel: Has substitution for Plavix been Safe and Effective at the American Academy of Neurology 70th Annual Meeting, LA, CA.
99. Lewandowski E., Aladeen T., Rainka M., Westphal E., Beecher J., Gengo F., Capote H. (2018 April) Atypicals, Metabolics, and Cardiovascular Risks in Patients with Mood Disorders and Depression at the American Academy of Neurology 70th Annual Meeting, LA, CA.
100. Rainka M., Aladeen T., Westphal E., Meaney J., Gengo F, Capote H. (2018 April) L-Methylfolate Calcium in Adolescents and Children: A Retrospective Analysis at the American Academy of Neurology 70th Annual Meeting, LA, CA
101. Westphal E., Wisniewski C., Rainka M., Smith N., Amsler M., Aladeen T., Bates V., Gengo F. (2018 September) The Development of an in vitro Assay for the Prospective Determination of Aspirin Sensitivity and its Validation in Patients Resistant to Low Dose Aspirin: A Proof of Concept Study at the American College of Clinical Pharmacology Annual Meeting, Bethesda, MD.
102. Comparison of Stroke/TIA Outcomes in Patients Who Have Undergone Testing for Antiplatelet Responsiveness and Pharmacist Intervention and versus Those Who Have Not
Erica Westphal, BA, BSc; Jessica Greger MA, Rachael Wojcik, BSc; Michelle Rainka, PharmD; Fran Gengo, PharmD
American Academy of Neurology (AAN), annual meeting 2019
103. Effect of Abrupt Discontinuation of Chronic Aspirin Therapy on Platelet Aggregability
Erica Westphal, BA, Rachael Wojcik, BSc, Michelle Rainka, PharmD, Landolf, Jessica Greger MA, Traci Aladeen PharmD, Fran Gengo, PharmD
American Academy of Neurology (AAN), annual meeting 2019
104. Effect of L-methylfolate on Depressive Symptoms in Patients with MTHFR Mutations
Jacqueline Meaney Pharm.D., Michelle Rainka Pharm.D., Erica Westphal B.Sc./B.A., Traci Aladeen Pharm.D., Kaitlin Landolf B.Sc., Sarah Stanford, Patrick Galdun Pharm .D, Natalie Asbach, Fran Gengo Pharm.D., Horacio Capote M.D.
American Academy of Neurology (AAN), annual meeting 2019
105. The Development of an in vitro Assay for the Prospective Determination of Aspirin Sensitivity and its Validation in Patients Resistant to Low Dose Aspirin: A Proof of Concept Study

Erica S. Westphal B.Sc., Caitlin Wisniewski Pharm.D., Michelle Rainka Pharm.D, Nicholas M. Smith B.Sc., Michelle Amsler, Pharm.D., Traci Aladeen, Pharm.D, Vernice Bates M.D1.*, Fran M Gengo Pharm.D., FCP
American College of Clinical Pharmacy (ACCP), annual meeting 2018

106.The Development of an in vitro Assay for the Prospective Determination of Aspirin Sensitivity and its Validation in Patients Resistant to Low Dose Aspirin: A Proof of Concept Study

Erica S. Westphal B.Sc., Caitlin Wisniewski Pharm.D., Michelle Rainka Pharm.D, Nicholas M. Smith B.Sc., Michelle Amsler, Pharm.D., Traci Aladeen, Pharm.D, Vernice Bates M.D., Fran M Gengo Pharm.D., FCP
College of Psychiatric and Neurologic Pharmacists (CPNP), annual meeting 2019

107.L-Methylfolate Calcium in Adolescents and Children: A Retrospective Analysis

Michelle Rainka PharmD, Traci Aladeen PharmD, Erica Westphal BA/BS, Jacqueline Meaney PharmD, Fran Gengo PharmD, Horacio Capote MD
College of Psychiatric and Neurologic Pharmacists (CPNP), annual meeting 2019

108.Comparison of Stroke/TIA Outcomes in Patients Who Have Undergone Testing for Antiplatelet Responsiveness and Pharmacist Intervention and versus Those Who Have Not

Erica Westphal, BA, BSc; Jessica Greger MA, Rachael Wojcik, BSc; Michelle Rainka, PharmD; Fran Gengo, PharmD
College of Psychiatric and Neurologic Pharmacists (CPNP), annual meeting 2019

109.Platelet Response to Increased Aspirin Dose in Patients whose Platelets were Non-Responsive to Lower Aspirin Doses

Erica S. Westphal, Francis Gengo, Michelle Rainka, Matt Robson, Maurice Hourihane, Vernice Bates
College of Psychiatric and Neurologic Pharmacists (CPNP), annual meeting 2019

110) Risk of Recurrent Stroke or Transient Ischemic Attack due to Abrupt Discontinuation of Aspirin: A Case Series– Invited as an oral platform presentation American Academy of Neurology April 2020

111) Risk of Recurrent Stroke or Transient Ischemic Attack due to Abrupt Discontinuation of Aspirin: A Case Series– poster presentation American Academy of Neurology April 2020

