

Publications: A. Patents

1. DeBenneville PL, Moss JN, Dajani EZ: Gastrointestinally active thiourea. US patent No. 3,950,537, April 1976.
2. Dajani EZ, Yen CH: 5-(1,1 Diphenyl-4-(cyclic amino) but-2-trans-3n-1-yl)-2-alkyl-1,3,3-oxadiazoles and intermediates thereto. US patent No. 3,996,214, December 1976.
3. Adelstein GW, Dajani EZ, Yen CH: Antidiarrheal compounds. US patent No. 3,998,832, December 1976.
4. DeBenneville PL, Moss JN, Dajani EZ: Gastrointestinally active thioureas. US patent No. 4,009,284, February 1977.
5. Adelstein GW, Dajani EZ, Yen CH: Triarylpropyl azabicyclooctanes. US patent No. 4,057,549, November 1977.
6. Adelstein GW, Dajani EZ, Yen CH: 1-Triaryl-alkyl-4-phenyl-4-piperidine carboxylic acid and derivatives. US patent No.4,066,654. January 1978.
7. Adelstein GW, Dajani EZ, Yen CH: 1-(3,3,3-Triarylalkyl)-4-phenylpiperidinealkanols. US patent No. 4,072,686. February 1978.
8. Adelstein GW, Dajani EZ, Yen CH: Novel antidiarrheal 4-azatricyclo [4.3.1.1] undecane derivatives. US patent No. 4,086,227, April 1978.
9. Dajani EZ: Method for cholesterol lowering. US patent No. 4,459,310. July 1984.
10. Spilburg, CA, Lange LG, Dajani EZ: Method for treating ulcers with sulfated polysaccharides. US Patent No. 5,679,375, October 1997.

Publications: B. Books and Chapters

1. Moss JN, Dajani EZ: Antihyperlipedemic agents. In: *Screening Methods in Pharmacology*, Vol. 2. Eds. Turner RA, Hebborn P, Acad. Press, NY, PP 121-143, 1971.
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8. Dajani EZ, Agrawal NM: Prevention and treatment of gastric and duodenal ulcers induced by nonsteroidal anti-inflammatory drugs. In: *NSAIDs - Mechanisms and Clinical Use*. Eds. Lewis AJ, Furst D, Marcel Dekker, New York, PP 159-170, 1994.
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Publications: C. Research Papers

1. Dajani EZ: Studies on the toxicology and central nervous system pharmacology of ethylene glycol monomethyl ether in rats and mice. Unpublished Ph.D. thesis, Purdue University, 1968.
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18. Callison DA, Dajani EZ, Bianchi RG: Gastric antisecretory actions of propantheline bromide and metiamide in conscious rhesus monkeys. *Federation Proceedings* 37: 460, 1978.
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21. Dajani EZ, Roge EW, Bertermann RE, Schweingruber FL: Reversal of gastrointestinal motility actions of PGF₂ alpha by naloxone. 7th International Congress of Pharmacology. Paris, France. July 1978.
22. Bianchi RG, Dajani EZ, Calhoun DW: Synergistic actions of propantheline bromide, cimetidine and thiopropazate in the prevention of stress ulcer formation in rats. *Pharmacologist* 20:209, 1978.
23. Dajani EZ: Pharmacology of anticholinergic drugs. Invited lecture presented at The Northern Illinois Orthodontic Study Group. Chicago, Illinois. October 1978.
24. Adelstein GW, Yen CH, Dajani EZ, Bianchi RG: Potent analogs of Lomotil; separation of constipating and analgesic properties. Amer Chem Soc Great Lakes Regional Meeting. Rockford, Illinois. June 1979.

25. Dajani EZ: Perspective on the pharmacology of gastric antisecretory and antiulcer drugs. An invited lecture presented at the Amer Chem Soc Symposium on Peptic Ulcer, Great Lakes Regional Meeting. Rockford, Illinois. June 1979.
26. Woods EM, Dajani EZ, Roge EW, Bertermann RE, Schweingruber FL: Naloxone reversal of drug-induced diarrhea in mice. *Pharmacologist* 21:175, 1979.
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30. Dajani EZ: Perspective on the pharmacology of antiulcer drugs: An update. Grand Rounds presented at the Department of Medicine, Northwestern University. Chicago, Illinois. November 1979.
31. Driskill DR, Dajani EZ, Phillips EL, Collins PW, Pappo R: Effects of a prostaglandin analogue, SC-30249, on canine gastric secretion. *Federation Proceedings* 39(3): 563, 1980.
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36. Dajani EZ: Pharmacology of the prostaglandin analogue SC-29333. International Congress on Stomach Diseases, University of Antwerp. Antwerp, Belgium. May 1981.
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45. Dajani EZ, Collins PW, Bianchi RG, Woods EM, Colton DG, Driskill DR, Pappo R: Gastrointestinal pharmacology of misoprostol: A novel antiulcer agent. Invited lecture, Department of Pharmacology, University of Wisconsin. Madison, Wisconsin. April 1983.
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48. Dajani EZ: Prostaglandins in gastroenterology. An invited lecture (principal speaker), European Association for Gastro-Camera, Diagnosis and Endoscopy. Innsbruck, Austria. March 1984.
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50. Dajani EZ: Antidiarrheal drugs. An invited presentation delivered at a symposium entitled "Newer Gastrointestinal Drugs," sponsored by The Amer Chem Soc. Philadelphia, Pennsylvania. August 1984.
51. Tapper EJ, Dajani EZ, Polk RC: Dose-response duodenal ulcer healing by prostaglandin E₁ analog. International Congress of Gastroenterology. Lisbon, Portugal. September 1984.
52. Agrawal NM, Godiwala T, Arimura A, Dajani EZ: Cytoprotection by prostaglandin E₁ analog on ethanol-induced gastric mucosal damage in man. *Amer J Gastroenterology* 79: 824, 1984.
53. Dajani EZ: Non-prostanoids as cytoprotective agents. An invited presentation, Mexican Gastroenterological Association Meeting. Guadalajara, Mexico. December 1984.
54. Dajani EZ: Mucosal cytoprotection: Clinical models. An invited presentation, Mexican Gastroenterological Association Meeting. Guadalajara, Mexico. December 1984.
55. Dajani EZ: Recent advances in the pathophysiology of peptic ulcer disease. An invited presentation, European Association for Gastroenterology and Endoscopy, 17th Congress. Berlin, West Germany. March 1985.
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66. Dajani EZ: Pharmacology of misoprostol. Three lectures delivered in Birmingham, Leeds and London, U.K., as part of regional continuing medical education symposia entitled "Prostaglandins in Peptic Ulcer." February 1986.
67. Dajani EZ: Cytoprotection and acid peptic diseases. An invited presentation, European Association for Gastroenterology and Endoscopy, 18th Congress. Berlin, West Germany. March 1986.
68. Gullikson GW, Anglin C, Kessler L, Smeach S, Bauer R, Dajani EZ: Misoprostol prevents aspirin-induced changes in potential difference and associated damage in canine Heidenhain pouches. An invited presentation, Canadian Association of Gastroenterology. Toronto, Canada. April 1986.
69. Dajani EZ: The role of prostaglandins in the maintenance of mucosal integrity. An invited presentation, Canadian Association of Gastroenterology. Toronto, Canada. April 1986.
70. Dajani EZ: Prostaglandins and their actions on the gastrointestinal tract. Royal Australian College of Physicians Satellite Seminar on Prostaglandins. Hobart, Tasmania. May 1986.
71. Dajani EZ: Prostaglandins: Pharmacology, mechanisms and applications in acid peptic diseases. An invited presentation, Seventh Icelandic Congress of Internal Medicine. Reykjavik, Iceland. May 1986.
72. Dajani EZ: Perspective on the gastric antisecretory effects of misoprostol in man. Sixth International Conference on Prostaglandins and Related Compounds. Florence, Italy. June 1986.
73. Dajani EZ: Gastrointestinal cytoprotective activities of misoprostol: Clinical efficacy overview. Sixth International Conference on Prostaglandins and Related Compounds. Florence, Italy. June 1986.
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76. Dajani EZ: Prostaglandins in acid peptic disorders. An invited lecture presented at a post-graduate course sponsored by the European Society of Gastroenterology and Endoscopy. Cologne, W. Germany. October 1986.
77. Dajani EZ: Misoprostol: Pharmacology, mechanism and applications in peptic ulcer disease. An invited lecture presented at a symposium entitled "International Symposium on Cytoprotection of the Gastroduodenal Mucosa," Inter-American Society of Clinical Pharmacology and Therapeutics/Latin American Association of Pharmacology. Buenos Aires, Argentina. November 1986.
78. Dajani EZ: Overview of misoprostol clinical safety. An invited lecture presented at a symposium entitled "Prostaglandins and Peptic Ulcer Disease," Hong Kong Society of Internal Medicine. Hong Kong. December 1986.
79. Dajani EZ: Pharmacology of misoprostol: Antisecretory plus mucosal protective activity for an antiulcer agent. An invited lecture presented at the European Society of Gastroenterology and Endoscopy, Milan, Italy, June 1986. Italian Journal of Gastroenterology 19 (Suppl. 3): 19S, 1987.
80. Dajani EZ: Prostaglandins in gastroenterology. An invited presentation. Chinese Society of Gastroenterology. Kunming, People's Republic of China. November 1987.
81. Dajani EZ: Prostaglandins: An update. An invited presentation. American College of Physicians PostGraduate Course. Keystone, Colorado. February 1988.
82. Dajani EZ: Prostaglandins and NSAIDs gastropathy. An invited presentation. Pakistan Society of Gastroenterology and Gastrointestinal Endoscopy. Rawalpindi, Pakistan. March 1988.
83. Dajani EZ: Prostaglandins in gastroenterology. An invited presentation. European Society of Gastroenterology. Milan, Italy. April 1988.
84. Dajani EZ, McGuigan JE, Chang Y: Effect of the antiulcer prostaglandin misoprostol on serum gastrin in patients with duodenal ulcer. Postgraduate Medical J 64: 79(Abstract), 1988.
85. Dajani EZ: Prostaglandins and mucosal protection: An update. An invited presentation. Amer Association of Colleges of Pharmacy. Chicago, Illinois. July 1988.
86. Dajani EZ, Lanza F: Endoscopic comparison of the protective effects of misoprostol, cimetidine and sucralfate on nonsteroidal anti-inflammatory drugs induced gastrointestinal mucosal injury. Endoscopy 20: 83 (Abstract), 1988.

87. Dajani EZ: Prostaglandins and NSAIDs gastropathy. An invited presentation. 1988 International Congresses of Gastroenterology and Digestive Endoscopy. Rome, Italy. September 1988.
88. Dajani EZ: Prostaglandins. An invited presentation. The USSR Cardiology Research Center at the USSR Academy of Medical Sciences. Moscow, USSR. February 1989.
89. Dajani EZ: Protective and therapeutic effects of prostaglandins. An invited presentation given at a Symposium entitled "NSAID Damage of the Upper Gastrointestinal Tract." Third Interscience World Conference on Inflammation. Monte Carlo, Monaco. March 1989.
90. Dajani EZ: Prostaglandins and nonsteroidal anti-inflammatory drugs: Pharmacology and mechanism of action. An invited presentation. Prostaglandins Telesymposium. University of Puerto Rico. San Juan, Puerto Rico. May 1989.
91. Dajani EZ: Prostaglandins in surgical diseases. An invited presentation. Department of Surgery. Rush-Presbyterian St. Lukes Medical Center. Chicago, Illinois. June 1989.
92. Dajani EZ: Overview on the mechanisms of cytoprotection by misoprostol. An invited presentation at the International Symposium on Cell Injury and Cytoprotection. Harvard Medical School. Boston, Massachusetts. July 1989.
93. Dajani EZ: Prostaglandins and the esophagus: Pharmacological and therapeutic perspectives. An invited presentation. International Symposium on Esophageal Diseases. Taormina, Italy. September 1989.
94. Dajani EZ: Prostaglandins and nonsteroidal anti-inflammatory drugs: Pharmacology, mechanisms of action and future prospects. An invited presentation. International Symposium on Esophageal Diseases. Taormina, Italy. September 1989.
95. Dajani EZ: Prostaglandins and mucosal protection: Current and future perspectives. Visiting Professor Lecture Series, Department of Pharmacology and Toxicology. Purdue University, West Lafayette, Indiana, November 1989.
96. Downie WW, Dajani EZ: NSAID-induced gastropathy: Treatment. Second International Congress of Rheumatology. Manila, Philippines. December 1989.
97. Dajani EZ: Prostaglandins: Visiting Professor. Departments of Medicine and Surgery, University of Pittsburgh, Pittsburgh, Pennsylvania, December 1989.
98. Dajani EZ: Prostaglandins and gastroenterology. An invited presentation. Louisiana Gut Club, New Orleans, Louisiana, February 1990.

99. Dajani EZ: Prostaglandins: Current and future perspectives regarding gastric mucosal protection. American College of Physicians. Post Graduate Course, Keystone, Colorado, February 1990.
100. Dajani EZ: Historical perspectives on the discovery and development of misoprostol: A pharmacologist odyssey. An invited presentation. Second International Symposium on Experimental and New Therapeutic approaches to Ulcer Diseases. Pecs, Hungary, July 1990.
101. Dajani EZ: Pharmaceutical industry perspectives on the discovery and development of antiulcer drugs. Chairman of a Round Table Discussion. Presented at the Second International Symposium on Experimental and New Therapeutic Approaches to Ulcer Disease. Pecs, Hungary, July 1990.
102. Dajani EZ: Prostaglandins: Current and future medical developments. An invited presentation. Departments of Medicine and Surgery, Hines Veteran Administration Medical Center. Hines, Illinois, July 1990.
103. Dajani EZ: Prostaglandins: Past, present and future. An invited presentation celebrating the tenth anniversary of Donald E. Wilson, MD as a Chairman of the Department of Medicine, State University of New York, Health Science Center, Brooklyn, NY, September, 1990.
104. Agrawal NM, Dajani EZ, Stromatt S, Brown J: Misoprostol vs. sucralfate for the prophylaxis of NSAID-induced gastric mucosal damage: Result of acute and chronic administration. *Amer J Gastroenterol* 85 (9): 1228 (Abstract), 1990.
105. Dajani EZ: Prostaglandins in acid peptic disorders. An invited presentation. Second Symposium on Experimental Ulcer Disease. Otocec (Slovenia), Yugoslavia, November 1990.
106. Dajani EZ: Prostaglandins in acid peptic disorders: An overview of the worldwide clinical experience: An invited lecture. American College of Physicians PostGraduate Course, Keystone, Colorado, February 1991.
107. Agrawal NM, Stromatt S, Dajani EZ: Comparative efficacy of misoprostol and sucralfate in preventing gastric ulcers in patients on chronic NSAIDs therapy: Role of gastric erosion as a predictor for the development of ulcers. Seventh International Conference on Experimental Ulcer. Berlin, Germany, October 1991.
108. Dajani EZ, Agrawal NM: Prevention of NSAID-induced gastric damage: Effect of prostaglandins and mucosal coating compounds. Joint Meeting of the Mediterranean Society of Clinical Pharmacology and the Italian Society of Gastroenterology. Venice, Italy, October, 1991.

109. Agrawal NM, Dajani EZ: Misoprostol is superior to sucralfate in preventing NSAID-induced gastric ulcer in patients with osteoarthritis: Importance of erosions. *J Association for Academic Minority Physicians* 2: 179, 1991.
110. Agrawal N, Meckstroth S, Dajani EZ: Clinical significance of gastric erosions as a predictor of NSAID-induced ulcers. *Gastroenterology* 102:A1, 1992.
111. Dajani EZ: Clinical use of prostaglandins in ulcer therapy. An invited presentation. FASEB/AGA Summer Research Conference entitled "Molecular Basis of Gastric Mucosal Defense." Copper Mountain, Colorado, July 1992.
112. Dajani, EZ: Predictive Models For the Evaluation of Anti-ulcer and Cytoprotective Drugs in Healthy Human Subjects. An invited presentation. Italian Society of Pharmacology: Clinical Pharmacology Section, Udine, Italy, September 1993.
113. Dajani, EZ: Prostaglandins in Gastroenterology: An Update. Invited presentation. Second Osaka International Symposium on Gastroenterology. Osaka, Japan, November 1993.
114. Dajani, EZ: Prostaglandins in Medicine. Visiting Professor Lecture Series. Invited presentation. Osaka City University Medical School. Osaka, Japan, November 1993.
115. Kobayashi K, Dajani EZ, Itoh M, Arakawa T: Second Osaka International symposium on Gastroenterology: Symposium Synopsis. *Dig Dis Sci* 39 (4): 897-898, 1994.
116. Dajani EZ, Agrawal NM: Prevention and treatment of ulcers induced by nonsteroidal anti-inflammatory drugs. Invited Presentation. 8th International Conference on Ulcer Research. Kyoto, Japan, November 1994. An abstract of this presentation was published in *Digestion* 55 (suppl 2): 7, 1994.
117. DaCosta J, Vega KJ, Trotman BW, Cunniff D, Dajani EZ: Topical misoprostol therapy for idiopathic HIV esophageal ulceration. *Am J Gastroenterol* 91: 1886, 1996.
118. Vega KJ, DaCosta J, Bollu J, Trotman BW, Kloser P, Cunnif D, Dajani EZ: Topical misoprostol therapy for HIV idiopathic esophageal ulceration: Case report and literature review. *J Association for Academic Minority Physicians* 7 (4): XXIX, 1996.
119. Dajani EZ: NSAIDs and H. pylori in peptic ulcers. Is there a connection? An invited presentation. Ministry of Public Health, Abu Dhabi, United Arab Emirates, December 1997.
120. Dajani EZ: Treatment and prevention of NSAID-induced ulcers. An invited presentation. Ministry of Public Health, Abu Dhabi, United Arab Emirates, December 1997.
121. Larsen KR, Dajani EZ, Dajani NE, Dayton MT: Effects of tolcapone and carbidopa/L-DOPA on intestinal electrolyte and fluid transport in dogs. *Gastroenterology* 114: SO135, 1998.

122. Dajani EZ, Taylor J, Dajani NER, Mir GN: Investigation of the analgesic action of CT-3 [1'1'-dimethyl-heptyl-Delta-8-THC-11-oic acid] in mice: A novel, orally effective cannabinoid. *FASEB Journal* 13: A1108, 1999.
123. Dajani EZ, Larsen KR, Dajani NE, Neelman SD, Taylor MS, Dayton MT: Analgesic and ulcerogenic actions of CT-3 [1'1'-dimethyl-heptyl-Delta-8-THC-11-oic acid] in rats: A novel, orally effective cannabinoid. *FASEB Journal* 13: A1108, 1999.
124. Dajani EZ: NSAIDs, Prostaglandins and gastrointestinal mucosal defense. Invited presentation. Guilio Bertaccini Memorial Symposium, University of Parma, Parma, Italy. May 1999.
125. Dajani EZ: Regulatory considerations in the drug development process. Invited presentation. Chicago Biotech Network. Chicago, Illinois. June 1999.
126. Dajani EZ: Gastroesophageal reflux disease (GERD): Pathophysiological and pharmacological considerations. Invited speaker at a symposium entitled Gastroesophageal Reflux Disease, sponsored by the Association for Academic Minority Physicians, Washington, DC. October 1999.
127. Dajani EZ, Shahwan T, Dajani NE: Prostaglandins and brain-gut axis. Invited presentation. The Second International Symposium for Brain-Gut Axis. Basic and Clinical Aspects. Krakow, Poland. November 2003.
128. Dajani EZ, Konturek SJ: Prostaglandins and Brain-Gut Axis: Concluding remarks. Invited presentation. The Second International Symposium for Brain-Gut Axis. Basic and Clinical Aspects, Krakow, Poland. November 2003.