

Curriculum Vitae

JACK MERRIT GWALTNEY, JR.

Birth: December 24, 1930, Norfolk, Virginia

Degrees: B.A. University of Virginia 1948-1952
M.D. University of Virginia 1952-1956

Summary of Career:

Date

1956-1957	Rotating Intern	University Hospitals of Cleveland, Cleveland, Ohio
1957-1959	Residency, Internal Medicine	University Hospitals of Cleveland, Cleveland, Ohio
1959-1960	Chief Resident, Internal Medicine	University of Virginia Hospital Charlottesville, Virginia
1960-1962	Medical Officer, U.S. Army	Fort Dix, New Jersey
1962-1963	Professional Assistant (Respiratory Virus Research)	University of Virginia Hospital of Medicine
1963-1964	Research Fellow in Preventive Medicine and Medicine	University of Virginia School of Medicine
1964-1966	Instructor in Preventive Medicine and Medicine	University of Virginia School of Medicine
1966-1970	Assistant Professor of Preventive Medicine and Medicine	University of Virginia School of Medicine
1970-Present	Head, Division of Epidemiology and Virology	University of Virginia School of Medicine
1970-1975	Associate Professor of Internal Medicine	University of Virginia School of Medicine
1975-Present	Professor of Medicine	University of Virginia School of Medicine
1975-Present	Wade Hampton Frost Professor of Epidemiology	University of Virginia School of Medicine
1984-Present	Director, Center for the Pre- vention of Disease and Injury	University of Virginia School of Medicine

Certification: American Board of Internal Medicine, 1963
Subspeciality in Infectious Diseases, 10/17/72

Other Appointments:

1963-1964	Postdoctoral Fellow, NIAID, National Institute of Health
1964-1967	Edward Livingston Trudeau Fellow, American Thoracic Society
1968-1973	Associate Member, Commission on Acute Respiratory Diseases, Armed Forces Epidemiological Board
1969-1973	Research Career Development Award, National Institutes of Health
1970-1982	Member, Advisory Panel on Infectious Disease Therapy, United States Pharmacopeia
1971-1986	Editorial Board, <u>Antimicrobial Agents and Chemotherapy</u>
1972-1977	Board of Trustees, American Type Culture Collection
1973-1975	Secretary-Treasurer Virginia Thoracic Society Governing Council
1975-1977	Vice President Virginia Thoracic Society, Governing Council
1976-1977	Consultant, National Science Foundation (Directorate for Astronomical, Atmospheric, Earth, and Ocean Sciences; Office of Polar Programs)
1976-1978	Chairman, Board of Trustees, American Type Culture Collection
1977-1979	President Virginia Thoracic Society
1978-1982	Member, University of Virginia Senate - Medical School
1978-1981	Consultant-advisor, Board of Education and Training of the American Society for Microbiology
1979-1982	Representative Councilor, Virginia Thoracic Society
1980-1983	Co-chairman Alumni Activities Subcommittee, Advisory Committee University of Virginia Medical Alumni
1981-1985	Chapter Councillor, Society for Experimental Biology and Medicine
1985-1990	Editor, <u>Antimicrobial Agents and Chemotherapy</u> , Virology Section
1993-1998	Member, Armed Forces Epidemiological Board
1997-1998	American Academy of Pediatrics, Committee on Quality Improvement - Subcommittee on Sinusitis

Academic Honors:

Raven Society, 1955
Sigma Xi, 1968
Alpha Omega Alpha, 1975
The Jeremiah Metzgar Lecturer, American Clinical and Climatological Association, 1984
The Joseph E. Smadel Award, IDSA, 1987

Professional Societies:

American Medical Association
American Epidemiological Society
American College of Physicians (Fellow, March 1971)
Albemarle County Medical Society
American Federation for Clinical Research
American Society for Microbiology
American Thoracic Society
American Association for the Advancement of Science
American Association of University Professors
Infectious Diseases Society of America
Medical Society of Virginia
Southern Society for Clinical Investigation
Association of Teachers of Preventive Medicine
Society for Epidemiologic Research
Society for Medical Consultants to the Armed Forces
American Clinical and Climatological Association
Society for Experimental Biology and Medicine
SE Section of the Society for Experimental Biology and Medicine
American Academy of Microbiology
Virginia Thoracic Society
International Epidemiological Association
American College of Epidemiology (Fellow, August 1981)
International Society for Antiviral Research
Virginia Infectious Disease Society (VIDS)

BIBLIOGRAPHY

1. Gwaltney JM Jr and Jordan WS Jr. The present status of respiratory viruses. *Med Clin N Amer* 47:1155-1170, 1963.
2. Gwaltney JM Jr and Jordan WS Jr. Rhinovirus and respiratory disease. *Bact Rev* 28:409- 422, 1964.
3. Gwaltney JM Jr and Jordan WS Jr. Rhinoviruses and respiratory illness in University students. *Am Rev Resp Dis* 93:362-371, 1966.
4. Gwaltney JM Jr. Micro-neutralization test for the identification of rhinovirus serotypes. *Proc Soc Exper Biol Med* 122:1137-1141, 1966.
5. Gwaltney JM Jr, Hendley JO, Simon G, and Jordan WS Jr. Rhinovirus infections in an industrial population. I. The occurrence of illness. *New Engl J Med* 275:1261-1268, 1966.
6. Gwaltney JM Jr, Hendley JO, Simon G, and Jordan WS Jr. Rhinovirus infections in an industrial population. II. Characteristics of illness and antibody responses. *JAMA* 202: 494-500, 1967.
7. Kapikian, AZ, et al. Rhinoviruses: A numbering system. *Nature* 123:761-763, 1967.
8. Gwaltney JM Jr, Hendley JO, Simon G, and Jordan WS Jr. Rhinovirus infections in an industrial population. III. Number and prevalence of serotypes. *Am J Epidemiol* 87:158-166, 1968.
9. Gwaltney JM Jr. The spectrum of rhinovirus inhibition by 2-(\forall -hydroxybenzyl)- benzimida-zole and D-(-)-2-(\forall -hydroxybenzyl) benzimidazole HCl. *Proc Soc Exper Biol Med* 129:665- 663, 1968.
10. Hendley JO, Gwaltney JM Jr, and Jordan WS Jr. Rhinovirus infections in an industrial population. IV. Infections within families of employees during two fall peaks of respiratory illness. *Am J Epidemiol* 89:184-196, 1969.
11. Gwaltney JM Jr. The common cold. In "Current Therapy." HF Conn, ed., WB Saunders, Philadelphia, 1969.
12. Gwaltney JM Jr. The common cold: Progress and perspectives. *Hospital Practice* 4:84-93, 1969.
13. Gwaltney JM Jr. Rhinovirus inhibition by 3-substituted triazinoindoles. *Proc Soc Exper Biol Med* 133:1148-1154, 1970.
14. Gwaltney JM Jr and Calhoun AM. Viral aggregation resulting in the failure to correctly identify

- an unknown rhinovirus. *Appl Micro* 20:390-392, 1970.
15. Kapikian AZ et al. A collaborative report: Rhinovirus-extension of the numbering system. *Virology* 43:524-526, 1971.
 16. Gwaltney JM Jr, Edmondson WP Jr, Rothenberg R, and White PW Jr. A comparison of subcutaneous, nasal, and combined influenza vaccination. I. Antigenicity. *Am J Epidemiol* 93:472-479, 1971.
 17. Edmondson WP Jr, Rothenberg R, White PW Jr, and Gwaltney JM Jr. A comparison of subcutaneous, nasal, and combined influenza vaccination. II. Protection against natural challenge. *Am J Epidemiol* 93:480-486, 1971.
 18. Gwaltney JM Jr. Virology of the middle ear. *Annls Otol Rhinol Laryngol* 80:365-370, 1971.
 19. Gwaltney JM Jr. Influenza vaccine. (Editorial). *JAMA* 217: 333-334, 1971.
 20. Gwaltney JM Jr. Antiviral Chemotherapy. *Va Med Monthly*, July, 1971, pp. 368-370.
 21. Williams RB and Gwaltney JM Jr. Allergic rhinitis or virus cold?: Nasal smear eosinophilia in differential diagnosis. *Annls All* 80:189-194, 1972.
 22. Hendley JO, Edmondson WP Jr, and Gwaltney JM Jr. Relation between naturally acquired immunity and infectivity of two rhinoviruses in volunteers. *J Infect Dis* 125:243-248, 1972.
 23. Hendley JO, Fishburne HB, and Gwaltney JM Jr. Coronavirus infections in working adults: Eight-year study with 229E and OC43. *Am Rev Resp Dis* 105:805-811, 1972.
 24. Brown RC, Hendley JO, and Gwaltney JM Jr. *Mycoplasma pneumoniae* vaccine: Antigenicity of buffered antigens in volunteers. *Infect Immunol* 5:657-661, 1972.
 25. Gwaltney JM Jr. Testimony on advertising of proprietary medicines. In "The Hearings before the Subcommittee on Monopoly of the Select Committee on Small Business, United States Senate, 92nd Congress, Second Session of Effect of Promotion and Advertising of Over-the-Counter Drugs on Competition, Small Business, and the Health and Welfare of the Public Cough and Cold Remedies Misuse of Antibiotics Anti-obesity Drugs, Part 3, 1972, p. 1020.
 26. Merrill CW, Gwaltney JM Jr, Hendley JO, and Sande MA. Rapid identification of pneumococci: Gram stain vs the Quellung reaction. *New Engl J Med* 288:510-512, 1973.
 27. Converse GM, Gwaltney JM Jr, Strassburg DA, and Hendley JO. Alteration of CSF finding by partial treatment of bacterial meningitis. *J Ped* 83:220-225, 1973.
 28. Winfield JB, Sande MA, and Gwaltney JM Jr. Aspirations during sleep. Letter to the Editor. *JAMA* 223:1288, 1973.

29. Hendley JO, Wenzel RP, and Gwaltney JM Jr. Transmission of rhinovirus colds by self-inoculation. *New Engl J Med* 288:1361-1364, 1973.
30. Wenzel RP, Hendley JO, Sande MA, and Gwaltney JM Jr. Revised (1972-1973) bivalent influenza vaccine. Serum and nasal antibody responses to parenteral vaccination. *JAMA* 226:435-438, 1973.
31. Gwaltney JM Jr. Rhinoviruses. Prepared for the Fogarty International Center Conferences on Preventive Medicine Subcommittee on Communicable Diseases, May 15, 1973.
32. Calhoun AM, Jordan WS, and Gwaltney JM Jr. Rhinovirus infections in an industrial population. V. Change in virus serotype. *Am J Epidemiol* 99:58-64, 1974.
33. Wenzel RP, Hendley JO, Davies JA, and Gwaltney JM Jr. Coronavirus infection in military recruits. Three-year study with coronavirus strains OC43 and 229E. *Am Rev Resp Dis* 109:621-624, 1974.
34. Joyce RA and Gwaltney JM Jr. A controlled trial of topical idoxuridine for the treatment of Herpes simplex stomatitis. Presented at the Eighth International Congress of Chemo-therapy, Athens, Greece, September 8-15, 1973. *In* "Progress in Chemotherapy 2:941-943 1974.
35. Hendley JO, Sande MA, Stewart PM, and Gwaltney JM Jr. Pneumococcal spread in families. I. Carriage rates and distribution of types. *J Infect Dis* 132:55-61, 1975.
36. Gwaltney JM Jr, Sande MA, Austrian RC, and Hendley JO. Pneumococcal spread in families. II. Transfer, acquisition, rhinovirus colds, and antibody responses. *J Infect Dis* 132:62-68, 1975.
37. Gwaltney JM Jr. Rhinoviruses. *Yale J Biol Med* 48:17-45, 1975 and *In* "Viral Infections of Man: Epidemiology and Control," Alfred Evans ed., Plenum Press, New York, 1976, pp 383-408; 2nd ed, 1982, pp 491-517.
38. Heirholzer JC, Atuk NO, and Gwaltney JM Jr. A new human adenovirus isolated from a renal transplant recipient: Description of candidate adenovirus type 34. *J Clin Microbiol* 1:366-376, 1975.
39. Evans FO, Sydnor JB, Moore WEC, Moore GR, Manwaring JL, Brill AH, Jackson RT, Hanna S, Skaar JS, Holdeman LV, Fitz-Hugh GS, Sande MA, and Gwaltney JM Jr. Sinusitis of the maxillary antrum. *New Engl J Med* 293:735-739, 1975.
40. Dilworth JA, Stewart PM, Gwaltney JM Jr, Hendley JO, and Sande MA. Methods to improve detection of pneumococci in respiratory secretions. *J Clin Micro* 2:453-455, 1975.
41. Hamory BH, Hamparian VV, Conant RM, and Gwaltney JM Jr. Human responses to two

- decavalent rhinovirus vaccines. *J Infect Dis* 132:623-629, 1975.
42. Wenzel RP, Hendley JO, Craven RB, and Gwaltney JM Jr. Antibody responses to A/30-C/707 and A/X-37 influenza vaccines. Proceedings of the First International Congress to IAMS Science Council of Japan, 4:184-197, 1975.
 43. Wenzel RP, Osterman CA, Hunting KJ, and Gwaltney JM Jr. Hospital-acquired infections. I. Surveillance in a university hospital. *J Epidemiol* 103:251-260, 1976.
 44. Gwaltney JM Jr. The use of live attenuated influenza vaccine ts-l[E] in man. In "Developments in Biological Standardization," v 33, edited by the International Association of Biological Standardization; acting eds. RH Regamey (Geneva), W Hennesen (Marburg/Lahn), and FT Perkins (Geneva), S Karger, Basel, 1976, pp 178-183.
 45. Strausbaugh LJ, Dilworth JA, Gwaltney JM Jr, and Sande MA. *In vitro* susceptibility studies with josamycin and erythromycin. *Antimicrob Agents Chemo* 9:546548, 1976.
 46. Ch'ien LT, Whitley RJ, Alford CA, and Galasso GJ in collaboration with Dolin R, Matteis MJ, Soong S, Taber L, Overall J, Gwaltney JM Jr, Haynes R, Linnemann C, Schiff G, Liu C, Luby J, Schwarzman S, Visintine N, Nahmias A, and Buchanan R. Adenine arabinoside therapy of Herpes zoster in the immunosuppressed. NIAID Collaborative Antiviral Study. *New Engl J Med* 294:1193-1199, 1976 and *J Infect Dis* 133:A184-A191, 1976.
 47. Thompson RL, Sande MA, Wenzel RP, Sipes JM, and Gwaltney JM Jr. Swine influenza infection in civilians. Report of two cases. *New Engl J Med* 295:714-715, 1976.
 48. Craven RB, Wenzel RP, Calhoun AM, Hendley JO, Hamory BH, and Gwaltney JM Jr. Comparison of the sensitivity of two methods for isolation of *Mycoplasma pneumoniae*. *J Clin Microbiol* 4:225-226, 1976.
 49. Wenzel RP, Craven RB, Davies JA, Hendley JO, Hamory BH, and Gwaltney JM Jr. Field trial of an inactivated *Mycoplasma pneumoniae* vaccine. I. Vaccine efficacy. *J Infect Dis* 134: 571-576, 1976.
 50. Richman DD, Murphy BR, Chanock RM, Gwaltney JM Jr, Douglas RG, Betts RF, Blacklow NR, Rose FB, Parrino TA, Levine MM, and Caplan ES. Temperature sensitive mutants of influenza A virus. XII. Safety, antigenicity, transmissibility, and efficacy of influenza A/Udorn/ 72-ts-1-[E] recombinant temperature sensitive viruses in adult volunteers. *J Infect Dis* 134:585-594, 1976.
 51. Cherry JD, Couch RB, Cate TR, Douglas RG, Hall CB, Foy HM, Fox JP, Gross PA, Gwaltney JM Jr, Karzon DT, Wright PF, Katz S, Lerman SJ, Levine MM, McIntosh K, Parrott RH, Kim HW, Smith DH, Modlin J, Sumaya CV, Brunell PA, Dolin R, Ennis FA, Edleman R, Eickhoff TC, Noble G, Smith CD, Top FH Jr, and Russell PK. Summary of Clinical Trials of Influenza Vaccines. National Institute of Allergy and Infectious Diseases of the National Institutes of Health, the

- Center for Disease Control, and the Bureau of Biologics of the Food and Drug Administration. *J Infect Dis* 134:100-107, 1976.
52. Suratt PM, Gwaltney JM Jr and Sande MA. A rapid method of disinfecting the bronchofiberscope. *Am Rev Resp Dis* 114:1198-1200, 1976.
 53. Wenzel RP, Hendley JO, Dodd WK, and Gwaltney JM Jr. Comparison of josamycin and erythromycin in the therapy of *Mycoplasma pneumoniae*. *Antimicrob Agents Chemo* 10:899-901, 1976.
 54. Gwaltney JM Jr, DeSanctis AN, Metzgar DP, and Hendley JO. Systemic reactions to influenza B vaccine. *Am J Epidemiol* 105:252-260, 1977.
 55. Wenzel RP, Craven RB, Davies JA, Hendley JO, Hamory BH, and Gwaltney JM Jr. Protective efficacy of an inactivated *Mycoplasma pneumoniae* vaccine. *J Infect Dis (Suppl)* 136:204-207, 1977.
 56. Whitely RJ, Soong S-J, Dolin R, Galasso GJ, Ch'ien LT, Alford CA, Mattheis M, Hurst D, Overall J, Gwaltney JM Jr, Haynes R, Hilty M, Linnemann C, Body A, Schiff G, Merigan T, Liu C, Hinthorn D, Baker L, Luby J, Schwartzmann S, Visintine A, Nahmias A, Connor J, Bryson Y, Ho M, Norden C, Hirsch M, Karchmer A, Tilles J, Chow A, Kieff E, Orellana T, Gardner M, Buchanan R, and Petrick T. Adenine arabinoside therapy of biopsy-proved Herpes simplex encephalitis. NIAID Collaborative Antiviral Study. *New Engl J Med* 297: 289-294, 1977.
 57. Taylor CA, Hendley JO, Greer KA, and Gwaltney JM Jr. Topical treatment of Herpes labialis with chloroform. *Arch Dermatol* 113:1550-1552, 1977.
 58. Hamory BH, Hendley JO, and Gwaltney JM Jr. Rhinovirus growth in nasal polyp organ culture. *Proc Soc Exper Biol Med* 155:577-582, 1977.
 59. Gwaltney JM Jr, Adams KF, and Hendley JO. Acceptability and antigenicity of A/Victoria influenza vaccine in adults of different ages. *J Infect Dis (Suppl)* 136:491-495, 1977.
 60. Craven RB, Brooks JB, Edman DC, Converse JD, Greenlee J, Schlossberg D, Furlow T, Gwaltney JM Jr, and Miner WF. Rapid diagnosis of lymphocytic meningitis by frequency-pulsed electron capture gas-liquid chromatography: Differentiation of tuberculous, cryptococcal, and viral meningitis. *J Clin Microbiol* 6:27-32, 1977.
 61. Eggleston PA, Hendley JO, Gwaltney JM Jr, Eggleston AW, and Leavell BS Jr. Histamine in nasal secretions. *Internat'l Arch All Appl Immunol* 57:193-200, 1978.
 62. Gwaltney JM Jr, Moskalski PB, and Hendley JO. Hand to hand transmission of rhinovirus colds. *Annls Int Med* 88:463-467, 1978.
 63. Miller J, Sande MA, Gwaltney JM Jr, and Hendley JO. Diagnosis of pneumococcal pneumonia

- by antigen detection in sputum. *J Clin Microbiol* 7:459-462, 1978.
64. Gwaltney JM Jr and Hendley JO. Rhinovirus transmission: One if by air, two if by hand. *Am J Epidemiol* 107:357-361, 1978 and *In* the "American Clinical and Climatological Association (presentation, 1977) 89:194-200, 1978.
65. Rein MF, Gwaltney JM Jr, O'Brien WM, Jennings RH, and Mandell GL. Accuracy of the Gram stain in identifying pneumococci in sputum. *JAMA* 239:2671-2674, 1978.
66. Gwaltney JM Jr, Sydnor TA Jr, Hamory BH, Seale DL, and Sande MA. Ear, nose, throat, and respiratory infections. Controlled trial of trimethoprim-sulfa in the treatment of acute maxillary sinusitis. Proceedings of the Tenth International Congress of Chemotherapy. *Current Chemo* 1978, pp. 120-121.
67. Silver AR, Gwaltney JM Jr, and Mandel ML. Migration of leukocytes to human nasal mucosa. *J Lab Clin Med* 92:556-559, 1978.
68. Hendley JO, Mika LA, and Gwaltney JM Jr. Evaluation of virucidal compounds for inactivation of rhinovirus on hands. *Antimicrob Agents Chemo* 14:690-694, 1978.
69. Hamory BH, Sande MA, Sydnor A Jr, Seale DL, and Gwaltney JM Jr. Etiology and antimicrobial therapy of acute maxillary sinusitis. *J Infect Dis* 139:197-202, 1979.
70. Gwaltney JM Jr. Managing the common cold and related infections. *J Resp Dis* 1(2):42-53, 1980.
71. Gwaltney JM Jr. Early diagnosis and management of sinusitis and otitis. *J Resp Dis* 1(3): 40-43, 1980.
72. Gwaltney JM Jr. Influenza vaccine. *In* "Lawyers' Cyclopedia Supplement 34.25 (G) 1980 Service, pp 83-84.2.
73. Gwaltney JM Jr. Epidemiology of the common cold. *In* "Air-born Contagion," *NY Acad Sci* 353:54-60, 1980.
74. Ahtone J, Allen WP, Bachmayer H, Baublis J, Bean W, Bick K, Blackburn R, Bozeman M, Bracket R, Brandling-Bennett A, Brandt C, Cate T, Chanock R, Cherry J, Choppin P, Cohen B, Compans R, Couch R, Crevling W, Crocker J, Curlin G, Dalton R, Daniel N, Dasco C, Dayton D, Dieckman J, Dolin R, Donovan M, Douglas RG, Dowdle W, Dubovi E, Dunnick J, Ennis F, Fish M, Fox J, Foy H, Freudenberger T, Fukumi H, Galasso G, Gay W, George J, George L, Gerin J, Glezen WP, Goodman R, Gross P, Gwaltney J, Hall C, Hall W, Haller J, Halsey N, Henderson F, Hilleman M, Hilty M, Hinshaw V, et al. Summary of a Workshop on Influenza B Viruses and Reye's Syndrome, NIAID-NIH, July 30-31, 1979. *J Infect Dis* 142: 452-465, 1980.

75. Carter CH, Hendley JO, Mika LA, and Gwaltney JM Jr. Rhinovirus inactivation by aqueous iodine in vitro and on skin. Proc Soc Exper Biol Med 165:380-383, 1980.
76. Gwaltney JM Jr, Moskalski PB, and Hendley JO. Interruption of experimental rhinovirus transmission. J Infect Dis 142:811-815, 1980.
77. Hayden FG, Gwaltney JM Jr, Van de Castle RL, Adams KF, and Giordani B. Comparative toxicity of amantadine HCL and rimantadine HCL in healthy adults. Antimicrob Agents Chemo 19:226-233, 1981.
78. Gwaltney JM Jr, Sydnor A, Jr, and Sande MA. Etiology and antimicrobial treatment of acute sinusitis in adults. Annls Otol Rhinol Laryngol 90:68-71, 1981.
79. Gwaltney JM Jr. Problems in the diagnosis and management of acute maxillary sinusitis. Int Med 2:39-43, 1981.
80. Hankins WA, Gwaltney JM Jr, Hendley JO, Farquhar JD, and Samuelson JS. Clinical and serological evaluation of a meningococcal polysaccharide vaccine Groups A, C, Y, and W135. Proc Soc Exper Biol Med 169:54-57, 1982.
81. Turner RB, Hendley JO, and Gwaltney JM Jr. Shedding of infected ciliated cells in rhinovirus colds. J Infect Dis 145:849-853, 1982.
82. Halperin SA, Suratt PM, Gwaltney JM Jr, Gröschel DHM, Hendley JO, and Eggleston PA. Bacterial cultures of the lower respiratory tract in normal volunteers with and without experimental rhinovirus infection using a plugged double catheter system. Am Rev Resp Dis 125: 678-680, 1982.
83. Hayden FG and Gwaltney JM Jr. Prophylactic activity of intranasal enviroxime against experimentally induced rhinovirus type 39 infection. Antimicrob Agents Chemo 21:892-897, 1982.
84. Powers RD, Gwaltney JM Jr, and Hayden FG. Activity of MDL-862-(3,4 dichlorophenoxy)-5-nitrobenzotrile (MDL 860) against picornavirus in vitro. Antimicrob Agenets Chemo 22:639-642, 1982.
85. Kuhn JJ, Hendley JO, Adams KF, Clark JW, and Gwaltney JM Jr. Antitussive effect of guaifenesin in young adults with natural colds. Objective and subjective assessment. Chest 82:713-718, 1982.
86. Gwaltney JM Jr and Hendley JO. Transmission of experimental rhinovirus infection by contaminated surfaces. Am J Epidemiol 116:828-833, 1982.
87. Hayden FG and Gwaltney JM Jr. Antiinterferon antibody increases rhinovirus isolation rates from nasal wash specimens containing interferon-alpha₂. Antiviral Res 3:67-71, 1983.

88. Farr B, Scheld M, Gwaltney JM Jr, Sydnor A, and Sande, MA. Bacampicillin HCl in the treatment of acute maxillary sinusitis. *Bull NY Acad Med* 59:477-481, 1983.
89. Hayden FG and Gwaltney JM Jr. Intranasal interferon-alpha₂ for the prevention of rhinovirus infection and illness. *J Infect Dis* 143:543-550, 1983.
90. Quinnan GV, Schooley R, Dolin R, Ennis FA, Gross P, and Gwaltney JM Jr. Serologic responses and systemic reactions in adults after vaccination with monovalent A/USSR/77 and trivalent A/USSR/77, A/Texas/77, B/Hong Kong/72 influenza vaccines. *Rev Infect Dis* 5:748-757, 1983.
91. Halperin SA, Eggleston PA, Hendley JO, Suratt PM, and Gwaltney JM Jr. Pathogenesis of lower respiratory tract symptoms in experimental rhinovirus infection. *Amer Rev Resp Dis* 128:806-810, 1983.
92. Gwaltney JM Jr. Rhinovirus colds: epidemiology, clinical characteristics, and transmission. Proceedings of a Symposium on Cellular and Neurogenic Mechanisms in Nose and Bronchi held in Copenhagen, Denmark, May 24-27, 1982. *Eur J Resp* 64 (S128):336-339, 1983.
93. Gwaltney JM Jr. Acute sinusitis in adults. *Amer J Otolaryngol* 4:422-423, 1983.
94. Farr B, Gwaltney JM Jr, Hayden FG, and Mandel GL. Human polymorphonuclear neutrophil functions are unaffected by human interferon alpha₂. *Infect & Immun* 42:1195-1197, 1983.
95. Whitely RJ, Spruance S, Hayden FG, Overall J, Alford CA Jr, Gwaltney JM Jr, Soong S-J, and the NIAID Collaborative Antiviral Study Group. Vidarabine therapy of mucocutaneous herpes simplex virus infections in the immunocompromised host. *J Infect Dis* 149:1-8, 1984.
96. Powers RD, Hayden FG, Samuelson J, and Gwaltney JM Jr. Immune response of adults to sequential influenza vaccination. *J Med Virol* 14:169-175, 1984.
97. Farr BM, Gwaltney JM Jr, Adams KF, and Hayden FG. Intranasal interferon-alpha₂ for prevention of natural rhinovirus colds. *Antimicrob Agents Chemother* 26:31-34, 1984.
98. Hayden GF, Jordan JR, Gwaltney JM Jr, and Hendley JO. The effect of diet upon the pH of respiratory secretions. *Nutrition Res* 4:733-735, 1984.
99. Hayden FG and Gwaltney JM Jr. Intranasal interferon-alpha₂ treatment of experimental rhinoviral colds. *J Infect Dis* 150:174-180, 1984.
100. Hayden GF, DeForest D, Hendley JO, and Gwaltney JM Jr. Inactivation of rhinovirus on human fingers by virucidal activity of glutaric acid. *Antimicrob Agents Chemother* 26: 928-929, 1984.

101. Turner RB and Gwaltney JM Jr. Introduction. *Acta Oto-Laryngologica Suppl (Stockh)* 413:5-7, 1984.
102. Turner RB, Winther B, Hendley JO, Mygind N, and Gwaltney JM Jr. Sites of virus recovery and antigen detection in epithelial cells during experimental rhinovirus infection. *Acta Oto-Laryngologica Suppl (Stockh)* 413:9-14, 1984.
103. Winther B, Farr B, Turner RB, Hendley JO, Gwaltney JM Jr., and Mygind N. Histopathologic examination and enumeration of polymorphonuclear leukocytes in the nasal mucosa during experimental rhinovirus colds. *Acta Oto-Laryngologica Suppl (Stockh)* 413:19-24, 1984.
104. Eggleston PA, Hendley JO, and Gwaltney, JM Jr. Mediators of immediate hypersensitivity in nasal secretions during natural colds and rhinovirus colds. *Acta Oto-Laryngologica Suppl (Stockh)* 413:25-35, 1984.
105. Suratt PM, Gwaltney, JM Jr., and Eggleston, PA. Measurement of partial flow volume curves in volunteers with experimental rhinovirus infection. *Acta Oto-Laryngologica Suppl (Stockh)* 413:37-41, 1984.
106. Gwaltney JM Jr., Hendley JO, and Mygind N. Summary. *Acta Oto-Laryngologica Suppl (Stockh)* 413:43-45, 1984.
107. Gwaltney, JM Jr. The Jeremiah Metzger Lecture: Climatology and the common cold. *Trans Amer Clin Climatol Assoc* 96:159-175, 1984.
108. Hayden FG, Gwaltney JM Jr, and Johns ME. Prophylactic efficacy and tolerance of low dose intranasal interferon-alpha₂ in natural respiratory viral infections. *Antiviral Res* 5:111-116, 1985.
109. Hayden GF, Gwaltney JM Jr, Thacker DF, and Hendley JO. Rhinovirus inactivation by nasal tissues treated with virucide. *Antiviral Res* 5:103-109, 1985.
110. Hayden GF, Hendley JO, and Gwaltney JM Jr. The effect of placebo and virucidal paper handkerchiefs on viral contamination of the hand and transmission of experimental rhinoviral infection. *J Infect Dis* 152:403-407, 1985.
111. Halperin SA, Eggleston PA, Beasley P, Suratt PM, Hendley JO, Gröschel DHM, and Gwaltney JM Jr. Exacerbations of asthma in adults during experimental rhinovirus infection. *Am Rev Respir Dis* 132:976-980, 1985.
112. Gwaltney JM Jr. Virology and immunology of the common cold. *Rhinology* 23:265-271, 1985.
113. Hayden FG, Albrecht JK, Kaiser DL, and Gwaltney JM Jr. Prevention of natural colds by contact prophylaxis with intranasal interferonalpha₂. *New Engl J Med* 314:71-75, 1986.

114. Hayden FG and Gwaltney JM Jr. Correspondence. Efficacy of alpha-interferon against the common cold. *New Engl J Med* 315:513-514, 1986.
115. Scheld WM, Sydnor A Jr, Farr B, Gratz JC, and Gwaltney JM Jr. Comparison of cyclacillin with amoxicillin in the therapy of acute maxillary sinusitis. *Antimicro Agents Chemother* 30:350-353, 1986.
116. Winther B, Gwaltney JM Jr, Mygind N, Turner RB, and Hendley JO. Sites of rhinovirus recovery after point-inoculation of the upper airway. *J Amer Med Assoc* 256:1763-1767, 1986.
117. Gaffey MJ, Gwaltney JM Jr, Dressler WE, Sorrentino JV, and Hayden FG. Intranasal atropine methonitrate treatment of experimental rhinovirus colds. *Amer Rev Respir Dis* 135: 241-244, 1987.
118. Hamparian VV, Colonna RJ, Cooney MK, Dick EC, Gwaltney JM Jr, Hughes JH, Jordan WS Jr, et al. A collaborative report: rhinoviruses—extension of the numbering system from 89 to 100. *Virology* 159:191-192, 1987.
119. Farr BM and Gwaltney JM Jr. The problems of taste in placebo matching: An evaluation of zinc gluconate for the common cold. *J Chronic Dis* 40:875-879, 1987.
120. Farr BM, Conner EM, Betts RF, Olekse J, Minnefor A, and Gwaltney JM Jr. Two randomized controlled trials of zinc gluconated lozenge therapy of experimentally induced rhino-virus colds. *Antimicrob Agents Chemother* 31:1183-1187, 1987.
121. Gaffey MJ, Gwaltney JM Jr, Sastre A, Dressler WE, Sorrentino JV, and Hayden FG. Intranasally and orally administered antihistamine treatment of experimental rhinovirus colds. *Amer Rev Respir Dis* 135:556-560, 1987.
122. Naclerio RM, Proud D, Lichtenstein LM, Kagey-Sobotka A, Hendley JO, Sorrentino J, and Gwaltney JM. Kinins are generated during experimental rhinovirus colds. *J Infect Dis* 157: 133-142, 1988.
123. Naclerio RM, Proud D, Kagey-Sobotka A, Lichtenstein LM, Hendley JO, and Gwaltney JM Jr. Is histamine responsible for the symptoms of rhinovirus colds? A look at the inflammatory mediators following infection. *Pediatr Infect Dis J* 7:218-222, 1988.
124. Doyle WJ, McBride TP, Skoner DP, Maddern BR, Gwaltney JM Jr, and Uhrin M. A double blind placebo-controlled clinical trial of the effect of chlorpheniramine on the response of the nasal airway, middle ear and eustachian tube to provocative rhinovirus challenge. *Pediatr Infect Dis J* 7:229-238, 1988.
125. Kennedy PB and Gwaltney JM Jr. The detection of blood on gloved hands of Central Sterile

- Supply personnel and cleaned instruments used for procedures on patient units. *Infect Control*, 9:117-118, 1988.
126. Childress JF, Gwaltney JP Jr, Keeling RP, and Thorup OA Jr. Screening for AIDS virus: What should we do?—A panel discussion. *The Pharos of Alpha Omega Alpha*, 51:33-37, 1988.
127. Hayden FG, Gwaltney JM Jr, and Colonno RJ. Modification of experimental rhinovirus colds by receptor blockade. *Antiviral Res* 9:233-247, 1988.
128. Hendley JO and Gwaltney JM Jr. Mechanisms of transmission of rhinovirus infections. *Epidemiol Rev* 10:242-258, 1988.
129. Farr BM, Hendley JO, Kaiser DL, Gwaltney JM Jr. Two randomized controlled trials of virucidal nasal tissues in the prevention of upper respiratory infections. *Amer J Epidemiol* 128:1162-1172, 1988.
130. Gaffey MJ, Hayden FG, Boyd JC, Gwaltney JM Jr. Ipratropium bromide treatment of experimental rhinovirus infection. *Antimicrobial Agents Chemother* 32:1644-1647, 1988.
131. Doyle WJ, McBride TP, Hayden FG, and Gwaltney JM Jr. The response of the nasal airway, middle ear and eustachian tube to experimental rhinovirus infection. *Amer J Rhinol* 2:149-154, 1988.
132. Gwaltney JM Jr. Viral vaccines in the control of otitis media. Workshop on Vaccines for Otitis Media, Children's Hospital of Pittsburgh, 9/1/88. *Pediatr Infect Dis J* 8:578-579, 1989.
133. Miller PJ, Farr BM, and Gwaltney JM. The economic benefits of an effective infection control program: A case study and proposal. *Rev Infect Dis* 11:284-288, 1989.
134. McBride, TP, Doyle WJ, Hayden FG, and Gwaltney JM Jr. Alterations of eustachian tube, middle ear and nose in rhinovirus infection. *Arch Otolaryngol-Head & Neck Surgery* 115:1054-1059, 1989.
135. Proud D, Hendley JO, Gwaltney JM Jr, and Naclerio RM. Recent studies on the role of kinins in inflammatory diseases of human airways. *Adv Exper Med Biol* 247A:117-123, 1989.
136. Sydnor A Jr, Gwaltney JM Jr, Cocchetto DM, and Scheld WM. Comparative evaluation of cefuroxime axetil and cefaclor for therapy of acute bacterial maxillary sinusitis. *Arch Otolaryngol Head & Neck* 115:1430-1433, 1989.
137. Proud D, Naclerio RM, Hendley JO, and Gwaltney JM Jr. Kinins are generated in nasal secretions during natural rhinovirus colds. *J Infect Dis* 161:120-123, 1990.
138. Winther B, Gwaltney JM Jr, and Hendley JO. Respiratory virus infection of monolayer cultures

- of human nasal epithelial cells. *Amer Rev Respir Dis* 141:839-845, 1990.
139. Farr BM, Gwaltney JM Jr, Hendley JO, Hayden FG, Naclerio RM, McBride T, Doyle WJ, Sorrentino JV, and Proud D. A randomized controlled trial of glucocorticoid prophylaxis against experimental rhinovirus infection. *J Infect Dis* 162:1173-1177, 1990.
140. Winther B and Gwaltney JM Jr. Therapeutic approach to sinusitis: Antiinfectious therapy as the baseline of management. *Otolaryngol - Head & Neck Surg (S)* 103:876-879, 1990.
141. de Arruda E, Mifflin TE, Gwaltney JM Jr, Winther B, and Hayden FG. Localization of rhinovirus replication in vitro with *in situ* hybridization. *J Med Virol* 34:38-44, 1991.
142. de Arruda E, Hayden FG, McAuliffe JF, de Sousa MA, Mota SB, Giest FC, Guerrant RL, and Gwaltney JM Jr. Acute respiratory viral infections in ambulatory children of urban northeast Brazil. *J Infect Dis* 164:252-258, 1991.
143. Gwaltney JM Jr and Hayden FG. Letter to the Editor. Response to psychological stress and susceptibility to the common cold. *N Engl J Med* 326:644-645, 1992.
144. Doyle WJ, Skoner DP, Fireman P, Seroky JT, Green I, Ruben F, Kardatzke DR, and Gwaltney JM Jr. Rhinovirus 39 infection in allergic and non-allergic subjects. *J All Clin Immun* 89:968-978, 1992.
145. Parekh HH, Cragun KT, Hayden FG, Hendley JO, and Gwaltney JM Jr. Nasal mucus weights in experimental rhinovirus infection. *Am J Rhinol* 6,3:107-110, 1992.
146. Sydnor TA, Scheld WM, Gwaltney J Jr, Nielsen RW, Huck W, and DG Therasse. Loracar-bef (LY163892) versus amoxicillin/clavulanate in bacterial maxillary sinusitis. *Ear, Nose, Throat J* 71:225-232, 1992.
147. Sperber SJ, Hendley JO, Hayden FG, Riker DK, Sorrentino JV, and Gwaltney JM Jr. Effects of naproxen in experimental rhinovirus colds. *Annls Int Med* 117:37-41, 1992.
148. Gwaltney JM Jr, Scheld WM, Sande MA, and Sydnor A. The microbial etiology and antimicrobial therapy of adults with acute community acquired sinusitis: A 15-year experience at the University of Virginia and review of other selected studies. *J Allergy Clin Immunol* 90:457-462, 1992.
149. Turner BW, Cail WS, Hendley JO, Hayden FG, and Gwaltney JM Jr. Physiologic abnormalities in the paranasal sinuses during experimental rhinovirus colds. *J Allergy Clin Immunol* 90:474-478, 1992.
150. Gwaltney JM Jr. Combined antiviral and antimediation treatment for common colds. *J Infect Dis* 166:776-782, 1992.

151. Stone AA, Bovbjerg DH, Neale JM, Napoli A, Valdimarsdottir H, Cox D, Hayden FG, and Gwaltney JM Jr. Development of common cold symptoms following experimental rhinovirus infection is related to prior stressful life events. *Behavioral Med* 18:115-120, 1992.
152. Doyle SJ, Riker DK, McBride TP, Hendley JO, Swartz JG, Hayden FG, and Gwaltney JM Jr. Therapeutic effects of an anticholinergic-sympathomimetic combination in induced rhino-virus colds. *Annl Otol Rhinol Laryngol.* 102:521-527, 1993.
153. Thwing CJ, Filho JPBV, de Arruda E Neto, Filho AC, and Gwaltney JM Jr. Rhinovirus anti-body in an "isolated" Amazon Indian tribe. *Am J Tropical Med Hyg.* 48(6):771-775, 1993.
154. Gwaltney JM Jr, Phillips CD, Miller RD, and Riker DK. Computed tomographic study of the common cold. *N Engl J Med* 330:25-30, 1994.
155. Hendley JO, Abbott RD, Beasley PB, and Gwaltney JM Jr. Effect of inhalation of hot humidified air on experimental rhinovirus (RV) infections. *J Am Med Assoc* 271:1112-1113, 1994.
156. Gilden DH, Wright RR, Schneck SA, Gwaltney JM Jr, and Mahalingam R. Zoster sine herpete, a clinical variant. *Annl Neurol* 35:530-533, 1994.
157. Doyle WJ, Skoner DP, Seroky JT, Fireman P, and Gwaltney JM Jr. Effect of experimental rhinovirus 39 infection on the nasal response to histamine and cold, dry air challenges in allergic and non-allergic subjects. *J Allergy Clin Immunol* 93:534-542, 1994.
158. Proud D, Gwaltney JM Jr., Hendley JO, Dinarello CA, Gillis S, Schleimer RP. Increased levels of interleukin-1 are detected in nasal secretions of volunteers during experimental rhinovirus colds. *J Infect Dis* 169:1007-1013, 1994.
159. Gwaltney JM Jr, Phillips CD, Riker DK. Response to Letters, CT scans and the common cold? *N Engl J Med* 330:1826-1827, 1994.
160. Gwaltney JM Jr. The common cold. *Internat'l Pharm J* 8:4-6, 1994.
161. Buckman CA, Doyle WJ, Skoner D, Fireman P, Gwaltney JM Jr. Otologic manifestations of experimental rhinovirus infection. *Laryngoscope* 104:1295-1299, 1994.
162. Cohen S, Gwaltney JM Jr, Doyle WJ, Skoner DP, Fireman P, and Newsom JT. State and trait negative affect as predictors of objective and subjective symptoms of a common cold. *J Personality Soc Psycho* 68:159-169, 1995.
163. Rao SS, Hendley JO, Hayden FG, Gwaltney JM Jr. Symptom expression in natural and experimental rhinovirus colds. *Am J Rhinol* 9:49-52, 1995.

164. Arruda E, Boyle TR, Winther B, Pevear DC, Gwaltney JM Jr, and Hayden FG. Localization of human rhinovirus replication in the upper respiratory tract by *in situ* hybridization. *J Infect Dis* 171:1329-1333, 1995.
165. Gwaltney JM Jr. Wade Hampton Frost, M.D.: A wider view of the world. *VA Med Month* 122:261-264, 1995.
166. Draf W, Lusk RP, Friedman WH, MacKay IS, Gwaltney JM Jr, Moriyama H, Hoffman SR, Naclerio RM, Huizing EH, Stankiewicz JA, Jones JG, Van Cauwenberge P, Jones JK, Vining EM, Kennedy DW. Quantification for staging sinusitis. *Ann Otol Rhinol Laryngol* 104,167(S):17-21, 1995.
167. Gwaltney JM Jr, Jones JG, Kennedy DW. Medical management of sinusitis: Educational goals and management guidelines. *Ann Otol Rhinol Laryngol* 104,167(S):22-30, 1995.
168. Gwaltney JM Jr. Rhinovirus infection of the normal human airway. *Am J Resp Crit Care Med* 152:536-539, 1995.
169. Zhu Z, Tang W, Ray A, Wu Y, Einarsson O, Landry M, Gwaltney J Jr, Elias JA. Rhinovirus stimulation of interleukin-6 *in vivo* and *in vitro*: Evidence for NF- κ B-dependent transcriptional activation. *J Clin Invest* 97:421-430, 1996.
170. Sheretz RJ, Reagan DR, Hampton KD, Robertson KL, Streed SA, Hoen HM, Thomas R, and Gwaltney JM Jr. A Cloud Adult: The *Staphylococcus aureus* - viral interaction revisited. *Ann Int Med* 124:539-547, 1996.
171. Gwaltney JM Jr, Park J, Paul RA, Edelman DA, O'Connor RR, Turner RB. A randomized controlled trial of clemastine fumarate for treatment of experimental rhinovirus colds. *Clin Infect Dis* 22:656-662, 1996.
172. Gustafson LM, Proud D, Hendley JO, Hayden FG, Gwaltney JM Jr. Oral prednisone therapy in experimental rhinovirus infections. *J Allergy Clin Immunol* 97:1009-1014, 1996.
173. Gwaltney JM Jr, Buier RM, Rogers JL. The influence of signal variation, bias, noise, and effect size on statistical significance in treatment studies of the common cold. *Antiviral Res* 29:287-295, 1996.
174. Apler CM, Doyle WJ, Skoner DP, Buchman CA, Seroky JT, Gwaltney JM, Cohen SA. Prechallenge antibodies: moderators of infection rate, signs, and symptoms in adults experimentally challenged with rhinovirus type 39. *Laryngoscope* 106:1298-1305, 1996.
175. Gwaltney JM Jr. Acute community-acquired sinusitis. State-of-the-Art. *Clin Infect Dis* 23:1209-1223, 1996.

176. Harris JM II, Gwaltney JM Jr. The incubation period of experimental rhinovirus infection and illness. *Clin Infect Dis* 23:1287-1290, 1996.
177. Gwaltney JM Jr. Clinical and mechanistic perspectives on acute self-limited cough. *Fed Internat'l Pharm (Suppl)* 11:5-10, 1997.
178. Gwaltney JM Jr. Sinusitis: Pathogenesis and antimicrobial resistance. *Hosp Med* 33(2S): 35-39, 1997.
179. Hornsby PP, Reeve RH, Gwaltney JM Jr, Parsons B, Morse RM. The University of Virginia worksite health promotion program. *Am J Prev Med* 13:36-44, 1997.
180. Cohen S, Doyle WJ, Skoner DP, Rabin BS, Gwaltney JM Jr. Social ties and susceptibility to the common cold. *JAMA* 277:1940-1944, 1997.
181. Gwaltney JM Jr, Savolainen S, Rivas P, Schenk P, Scheld WM, Sydnor A, Keyserling C, Leigh A, Tack KJ, and the Cefdinir Sinusitis Study Group. Comparative effectiveness and safety of cefdinir and amoxicillin/clavulanate in the treatment of acute community-acquired bacterial sinusitis. *Antimicrob Agents Chemo* 41:1517-1520, 1997.
182. Gwaltney JM Jr, Halstead SB. Contagiousness of the common cold. Questions and Answers. *JAMA* 278:256, 1997.
183. Kaliner MA, Osguthorpe JD, Fireman P, Anon J, Georgitis J, Davis ML, Naclerio R, Kennedy D, Gwaltney JM Jr, et al. Sinusitis: bench to bedside. *Otolaryngol-Head and Neck Surgery*, 116(6):S1-S20, 1997 and *J Allergy Clin Immunol* 99:S829-S848, 1997.
184. Winther B, Greve JM, Gwaltney JM Jr, Innes DJ, Eastham JR, McClelland A, Hendley JO. Surface expression of intercellular adhesion molecule 1 on epithelial cells in the human adenoid. *J Infect Dis* 176:523-525, 1997.
185. Bisno AL, Gerber MA, Gwaltney JM Jr, Kaplan EL, Schwartz RH. Group A streptococcal pharyngitis: Diagnosis and management. A practice guideline. *Clin Infect Dis* 25:574-583, 1997.
186. Turner RB, Sperber SJ, Sorrentino JV, O'Connor RR, Batouli AR, Gwaltney JM Jr. Effectiveness of clemastine fumarate for treatment of rhinorrhea and sneezing associated with the common cold. *Clin Infect Dis* 25:824-830, 1997.
187. Gwaltney JM Jr, Druce HM. Efficacy of brompheniramine maleate for the treatment of rhinovirus colds. *Clin Infect Dis* 25:1188-1194, 1997.
188. Lund VJ, Gwaltney J Jr, Baquero F, Echols R, Kennedy D, Klossek J-M, Mackay I, Mann W, Ohnishi T, Stammberger H, Vining E, Wald E. Infectious rhinosinusitis in adults: classifica-Tien,

- etiology and management. ENT J(Suppl) 76:3-22, 1997.
189. Zhu Z, Tang W, Gwaltney J Jr, Elias JA. Rhinovirus stimulation of interleukin-8 *in vivo* and *in vitro*: role of NF- κ B. Amer J Physiol 273 (Lung Cellular Molecular Physiol) 17:L814-L824, 1997.
 190. Gwaltney JM Jr. "Where's the bias?" Response. Letter. Ann Int Med 128:75, 1998.
 191. Jefferies WMcK, Turner JC, Lobo M, Gwaltney JM Jr. Low plasma ACTH in acute influenza. Clin Infect Dis 26:708-710, 1998.
 192. Winther B, Gwaltney JM Jr, Mygind N, Hendley JO. Viral-induced rhinitis. Am J Rhinol 9:17-20, 1998.
 193. Cohen S, Frank E, Doyle WJ, Skoner DP, Rabin BS, Gwaltney JM Jr. Types of stressful life events that increase susceptibility to the common cold. Health Psychology 17:214-223, 1998.
 194. Siström MG, Coyner BJ, Gwaltney JM Jr, Farr BM. Frequency of percutaneous injuries requiring postexposure prophylaxis for occupational exposure to human immunodeficiency virus. Infect Control Hosp Epidemiol 19:504-506, 1998.
 195. Alper CM, Doyle WJ, Skoner DP, Buchman CA, Cohen S, Gwaltney JM Jr. Pre-challenge antibodies moderate disease expression in adults experimentally exposed to rhinovirus strain Hanks. Clin Inf Dis 27:119-128, 1998.
 196. Gwaltney JM, Jr. Use of cedfinir in acute community-acquired bacterial sinusitis. Infect Dis Clin Prac 7(2 Suppl):S90-S91, 1998.
 197. Gwaltney JM Jr. Acute community-acquired bacterial sinusitis. To treat or not to treat. Can Resp J 6:46A-50A, 1999.
 198. Yoon HJ, Zhu Z, Gwaltney JM Jr, Elias JA. Rhinovirus regulation of IL-1 receptor antagonist *in vivo* and *in vitro*: A potential mechanism of symptom resolution. J Immunol 162:7461-7469, 1999.
 199. Feldman P, Cohen S, Doyle WJ, Skoner DP, Gwaltney JM Jr. The impact of personality on the reporting of unfounded symptoms and illness related to the common cold. J Personality Social Psychology 77:370-378, 1999.
 200. Mygind N, Gwaltney JM, Winther B, Hendley O. The common cold and asthma. Allergy 54(S):146-159, 1999.
 201. Gwaltney JM Jr, Hendley JO, Phillips CD, Bass CR, Mygind N, Winther B. Nose blowing propels nasal fluid into the paranasal sinuses. Clin Infect Dis 30:387-391, 2000.

202. Munoz FM, Galasso GJ, Gwaltney JM Jr, Hayden FG, Murphy B, Webster R, Wright P, Couch RB. Current Research on Influenza and other respiratory viruses: II International December 10-12, 1999 [Review]. *Antiviral Res.* 46:91-124, 2000.
203. Niehaus, MD, Gwaltney JM Jr, Hendley JO, Newman MJ, Heymann PW, Rakes GP, Platts-Mills TAE, and Guerrant RL. Lactoferrin and eosinophilic cationic protein in nasal secretions of patients with experimental rhinovirus colds, natural colds, and presumed acute community-acquired bacterial sinusitis. *J Clin Microbiol* 38:3100-3102, 2000.
204. Lee CG, Yoon HJ, Zhu Z, Link H, Wang Z, Gwaltney JM Jr, Landry M, Elias JA. Respiratory syncytial virus stimulation of vascular endothelial cell growth factor/vascular permeability factor. *Am J Respir Cell Molecular Biol* 23:662-669, 2000.
205. Sperber SJ, Turner RB, Sorrentino JV, O'Connor RR, Rogers J, Gwaltney, JM Jr. Effectiveness of pseudoephedrine plus acetaminophen for treatment of symptoms attributed to the paranasal sinuses associated with the common cold. *Arch Family Med* 9:979-985, 2000.
206. Gwaltney JM Jr. Cultivation of the intellect. *The Beta Theta Pi Magazine*. Page 4, Spring 2001.
207. Schlosser RJ, Gwaltney JM Jr, Gross CW. Microbiology of chronic frontal sinusitis. *Laryngoscope* 111:1330-1332, 2001.
208. Muether PS, Gwaltney JM Jr. Variant effect of first and second generation antihistamines as clues to their mechanism of action on the sneeze reflex in the common cold. *Clin Infect Dis* 33:1483-1488, 2001.
209. Winther B, Hendley JO, Gwaltney JM Jr, Humphries JE, Hendley JO. Cross-linked fibrin in the nasal fluid of patients with the common cold. *Clin Infect Dis* 34:708-710, 2002.
210. Gwaltney JM Jr. Clinical significance and pathogenesis of viral respiratory infections. *Am J Med* 112/S6A:13S-18S, 2002.
211. Gwaltney JM Jr. Viral Respiratory therapy: Historical perspectives and current trials. *Am J Med* 112/S6A:33S-41S, 2002.
212. Bisno AL, Gerber MA, Gwaltney JM Jr, Kaplan EL, Schwartz RH. Practice guidelines for the diagnosis and management of group A streptococcal pharyngitis. *Clin Infect Dis* 35:113-125, 2002.
213. Gwaltney JM Jr, Winther B, Patrie JT, Hendley JO. Combined antiviral-antimediator treatment for the common cold. *J Infect Dis* 186:147-154, 2002.

214. Gwaltney JM Jr. Supplement Overview. Review of recent sinusitis publications. *Otolaryngology-Head and Neck Surgery* 127:S1-S2 2002.
215. Gwaltney JM Jr. Management update of acute bacterial rhinosinusitis and the use of cefdinir. *Otolaryngology-Head Neck Surg* 127:S24-S29, 2002.
216. Gwaltney JM Jr, Hendley JO, Patrie JT. Symptom severity patterns in experimental common colds and their usefulness in timing onset of illness in natural colds. *Clin Infect Dis* 36:714-723, 2003.
217. Zambrano JC, Holliday T, Carper BS, Rakes GP, Patrie J, Murphy DD, Platts-Mills TAE, Hayden FG, Gwaltney JM Jr, Hatley TK, Owens AM, Heymann PW. Experimental rhinovirus challenges in adults with mild asthma: Response to infection in relation to IgE. *J Allergy Clin Immunol* 111:1008-1016, 2003.
218. Hayden FG, Turner RB, Gwaltney JM, Chi-Burris K, Gersten M, Hsyu P, Patrick AK, Smith GJ III, Zalman LS. Phase II, randomized, double-blind, placebo-controlled studies of rupintrivir nasal spray 2% suspension for the prevention and treatment of experimentally induced rhinovirus colds in healthy volunteers. *Antimicrob Agents Chemo* 47:3907-3916, 2003.
219. Gwaltney JM Jr., Wiesinger BA, Patrie JT. Acute community-acquired bacterial sinusitis: the value of antimicrobial treatment and the natural history. *Clin Infect Dis* 38:227-233, 2004.
220. Hendley JO, Gwaltney JM Jr. Viral titers in nasal lining fluid compared to viral titers in nasal washes during experimental rhinovirus infection. *J Clin Virol* 30:326-328, 2004.
221. Sande MA, Gwaltney JM Jr. Acute community acquired bacterial sinusitis: Continuing challenges and current management. *Clin Infect Dis* 39(Suppl 3):S151-S158, 2004.
222. Bachert C, Baraniuk J, Baroody FM, Benninger MS, Brook I, Chowdhury BA, Druce HM, Durham S, Ferguson B, Gwaltney JM Jr, Kaliner M, Kennedy DW, Lund V, Naclerio R, Pawankar R, Piccirillo JF, Rohane P, Simon R, Slavin RG, Togias A, Wald ER, Zinreich J. Editors: EO Meltzer, DL Hamilos, JA Hadley, DC Lanza, Marple BF, Nicklas RA. Rhinosinusitis: Establishing definitions for clinical research and patient care. *J Allergy Clin Immunol* 114:S156-S212, 2004 and *Otolaryngo-Head and Neck Surg* 131:S1-S62, 2004.
223. Winther B, Gwaltney JM Jr, Phillips CD, Hendley JO. Radioopaque contrast in nasopharynx reaches the middle ear during swallowing and/or yawning. *Acta Oto-Laryngologica* 125:1-4, 2005.
224. Caruso TJ, Gwaltney JM Jr. Treatment of the common cold with echinacea: A structured review. *Clin Infect Dis* 40:807-810, 2005.
225. Bassetti S, Bischoff WE, Walter M, Bassetti-Wyss BA, Mason L, Reboussin BA, D'Agostino RB

- Jr, Gwaltney JM Jr, Pfaller MA, Sheretz RJ. Dispersal of *Staphylococcus aureus* into the air associated with a rhinovirus infection. *Infect Control Hosp Epidem* (in press).
226. Skoner DP, Shibayama Y, Doyle WJ, Cohen S, Gwaltney JM, Kaplan AP. Nasal bradykinin levels during the common cold. *NEJM* (submitted).
227. Bassetti S, Bischoff WE, Walter M, Bassetti-Wyss BA, D'Agostino RB Jr, Lovato J, Gwaltney JM Jr, Pfaller MA, Sheretz RJ. "Partly cloudy with a chance of Staph": Airborne dispersal of *Staphylococcus aureus* associated with a rhinovirus infection. *Annl Int Med* (submitted)
228. Bischoff WE, Bassetti S, Bassetti-Wyss BA, Wallis ML, Tucker BK, Reboussin BA, D'Agostino RB Jr, Pfaller MA, Gwaltney JM Jr, Sheretz RJ. Airborne dispersal as a novel transmission route of coagulase-negative staphylococci: Interaction between coagulase-negative staphylococci and rhinovirus infection. *J Infect Dis* (submitted).
229. Gundlapalli AV, Rubin M, Samore MH, Lopansri B, Lahey T, McGuire HL, Winthrop KL, Dunn JJ, Willick SE, Vosters RL, Waeckerle JF, Carroll KC, Gwaltney JM Jr., Hayden FG, Elstad MR, Sande MA. Early diagnosis and management of influenza and other respiratory infections at the 2002 Winter Olympiad: Linking public health with patient management. *Lancet* (submitted).
230. Eddleston J, Christiansen SC, Jenkins GR, Sarnoff R, Gwaltney JM Jr, Turner RB, Zuraw BL. Rhinovirus suppresses glucocorticoid induced leucine zipper mRNA levels in atopic subjects. Submitted *Am J Respir Crit Care Med*
231. Caruso TJ, Prober CG, Gwaltney JM Jr. Treatment of naturally acquired common colds with zinc: a structured review. *Clin Infect Dis* 45:569-574, 2007.