KENNETH HUGH MAYER

ORIGINAL ARTICLES

- 1. **Mayer KH**, Stamler J, Freinkel N, Stamler R, Berkson D, Farber B: Epidemiologic findings on the relationship of time of day and time since last meal to glucose tolerance. Diabetes 25:936, 1976.
- 2. **Mayer KH**, Stamler J, Dyer A, Stamler R, Berkson D: Epidemiologic findings on the relationship of time of day and time since last meal to five clinical variables: serum cholesterol, hematocrit, systolic and diastolic blood pressure, and heart rate. Preventive Medicine 7:22, 1978.
- 3. **Mayer KH**, Schoenbaum SC: Evaluation and management of prosthetic valve endocarditis. <u>Progress in</u> Cardiovascular Disease 25:43-76, 1982.
- 4. O'Brien TF, **Mayer KH**, Hopkins JD, Chao L: New concepts in medical bacteriology. <u>Journal of Medicine</u> 14(4):271-280, 1983.
- 5. Heagy W, Kelley VE, Strom TB, **Mayer KH**, Shapiro HM, Mandel R, Finberg R: Decreased expression of human class II antigens on monocytes from patients with acquired immune deficiency syndrome. <u>Journal of Clinical Investigation</u> 74:2089-2096, 1984.
- 6. O'Brien TF, **Mayer KH**, Pla M, Hopkins JD: Plasmids: Their significance and use as an epidemiological tool. Asepsis 6:15-19, 1984.
- 7. **Mayer KH**, DeTorres OH: Current guidelines on the use of antibacterial drugs in patients with malignancies. Drugs 29:262-279, 1985.
- 8. **Mayer KH**, Fling ME, Hopkins JD, O'Brien TF: Trimethoprim resistance in multiple genera of enterobacteriaceae at a U.S. hospital: spread of the dihydrofolate reductase gene by a single plasmid. <u>Journal</u> of Infectious Diseases 151(5):463-477, 1985.
- 9. O'Brien TF, **Mayer KH**, Hopkins JD, Farrell JJ, Chao L, Kent RL: Resistance to antibiotics in clinical isolates of Klebsiella pneumoniae. Infection Control 6(2):64-68, 1985.
- Groopman JE, Mayer KH, Sarngadharan M, Ayotte DE, Finberg R, Sliski A, Allan D, Gallo R: Seroepidemiology of HTLV-III among homosexual men with the acquired immune deficiency syndrome, generalized lymphadeno-pathy, and asymptomatic controls in Boston. <u>Annals of Internal Medicine</u> 102:334-337, 1985.
- 11. **Mayer KH**: The epidemiological investigation of AIDS. Hastings Center Report 15(4):12-15, 1985.
- 12. **Mayer KH**, Zinner SH: Bacterial pathogens of increasing significance in hospital infections. <u>Reviews of Infectious Diseases 7:371-379</u>, 1985.
- 13. O'Brien TF, del Pilar Pla M, **Mayer KH**, Kishi H, Gilleece E, Hopkins JD: Intercontinental spread of a new antibiotic resistance gene on a stable epidemic plasmid. Science, 230:87-88, 1985.
- 14. Hopkins JD, **Mayer KH**, Gilleece ES, O'Brien TF, Syvanen M: Genetic and physical characterization of the IncM plasmid pBWH1 and its variance among natural isolates. Journal of Bacteriology 165:47-52, 1986.
- 15. **Mayer KH**, Hanson E: Recurrent Salmonella infection with a single strain in the acquired immunodeficiency syndrome: confirmation by plasmid fingerprinting. <u>Diagnostic Microbiology and Infectious</u> <u>Diseases</u> 4:71-76, 1986.
- 16. **Mayer KH**, Stoddard A, McCusker J, Ayotte D, Ferriani R, Groopman J: Human T-Lymphotropic Virus Type III in high risk, antibody-negative homosexual men. Annals of Internal Medicine 104:194-196, 1986.

- 17. **Mayer KH**, Ayotte D, Groopman J, Stoddard A, Sarngadharan M, Gallo R: Association of HTLV-III antibodies with sexual and other behaviors in a cohort of homosexual men from Boston with and without generalized lymphadenopathy. American Journal of Medicine 80:357-363, 1986.
- 18. **Mayer, KH**: The Clinical Challenges of AIDS and HIV Infection, <u>Law, Medicine & Health Care</u> 14(5-6): 281-289, 1986.
- 19. DeGruttola V, **Mayer KH**, and Bennett W: AIDS: Has the problem been adequately assessed? <u>Reviews of Infectious Diseases</u>, 8:295-305, 1986. Reprinted in: NR Bartel (ed): <u>AIDS: A Source book</u>, Pro-Ed Press, Austin, Texas, 1987.
- 20. **Mayer KH**: The impact of AIDS on health care personnel. <u>Journal of Medical Technology</u> 3:156-158, 1986.
- 21. **Mayer KH**, Hopkins JD, Gilleece ES, Chao L, O'Brien TF: Molecular evolution, species distribution, and clinical consequences of an endemic aminoglycoside resistance plasmid. <u>Antimicrobial Agents and Chemotherapy</u> 29:639-644, 1986.
- 22. **Mayer KH** and DeTorres OH: Infections and Malignancy: Guidelines for antibacterial use. <u>Hospital Therapeutics</u> 3:27-37, 1986.
- 23. Levy EM, Beldekas JC, **Mayer KH**, Black PH: Defective T cell differentiation in AIDS. <u>Journal of Clinical</u> Immunology, 6:152-160, 1986.
- 24. **Mayer KH**: A review of epidemic aminoglycoside resistance worldwide. <u>American Journal of Medicine</u> 80(6B):56-64, 1986.
- 25. Dolan S, **Mayer KH**: Group A streptococcal pharyngitis and bacteremia associated with a Ludwig's angina-like syndrome. Diagnostic Microbiology and Infectious Diseases 5:323-326, 1986.
- 26. **Mayer KH**: The epidemiology of antibiotic resistance in hospitals. <u>Journal of Antimicrobial Chemotherapy</u> 18:223-233, 1986.
- 27. **Mayer KH**, Opal SM: Therapeutic approaches for AIDS and HIV infection. <u>Rhode Island Medical Journal</u> 70:27-33, 1987.
- 28. **Mayer KH**, Opal SM: Antibacterial therapy in patients with malignancies. <u>Cancer and Metastasis Reviews</u> 5:271-293, 1987.
- 29. Dudley MN, Mandler HD, Gilbert D, Ericson J, **Mayer KH**, Zinner SH: Pharmacokinetics and pharmacodynamics of intravenous Ciprofloxacin: studies in vivo and in an in vitro dynamic model. <u>American</u> Journal of Medicine 82(4A):362-368, 1987.
- 30. Groopman JE, Benz P, Ferriani R, **Mayer KH**, Allan JD, Weymouth L: Characterization of serum neutralization response to the Human Immunodeficiency Virus (HIV). <u>AIDS Research and Human Retroviruses</u> 3:71-85, 1987.
- 31. **Mayer KH**, Falk LA, Paul DA, Dawson GJ, Stoddard AM, McCusker J, Saltzman SP, Moon MW, Ferriani R, Groopman JE: Correlation of enzyme-linked immunosorbent assays for serum human immunodeficiency virus (HIV) antigen and antibodies to recombinant viral proteins with subsequent clinical outcomes in a cohort of asymptomatic homosexual males. American Journal of Medicine 83:208-212, 1987.
- 32. Cleary PD, Barry MJ, **Mayer KH**, Brandt AM, Gostin L, Fineberg HV: Compulsory pre-marital screening for the Human Immunodeficiency Virus: technical and public health considerations. <u>Journal of the American Medical Association</u> 258:1757-1762, 1987. Reprinted in Hammett TM and Hunt DE (eds): <u>AIDS and HIV Antibody Testing</u>: <u>Pros and Cons</u>, Abt Books, Inc., Cambridge, MA, 1987.

- 33. **Mayer KH**, Opal SM: Antibiotic resistance: a factor in nosocomial infections. <u>Infections in Surgery</u> 6:661-665, 1987.
- 34. Saltzman SR, Stoddard AM, McCusker J, Moon MW, **Mayer KH**: Reliability of self-reported sexual behavior risk factors for HIV infection in homosexual men. Public Health Reports 102:692-697, 1987.
- 35. EORTC International Antimicrobial Therapy Cooperative Groups (K Mayer, co-investigator): Ceftazidime combined with short or long course of amikacin for empiric therapy of gram negative bacteremia in patients with granulocytopenia. New England Journal of Medicine 317:1692-1698, 1987.
- 36. McCusker J, Stoddard AM, **Mayer KH**, Cowan D, Groopman JE: Behavioral risk factors for HIV infection among homosexual men at a Boston community health center. <u>American Journal of Public Health</u> 8:68-71, 1988.
- 37. DeGruttola V, **Mayer KH**: Assessing and modeling the heterosexual spread of HIV infection in the United States. Reviews of Infectious Diseases 10:138-150, 1988.
- 38. Ettensohn DB, **Mayer KH**, Kessimian N, Smith PS: Lymphocytic bronchio-litis associated with HIV infection. Chest 93:201-202, 1988.
- 39. **Mayer KH**, Ellal JA: Interactions of Ciprofloxacin and Mezlocillin against aminoglycoside-resistant enterobacteriaceae in relation to plasmid curing effect. Reviews of Infectious Diseases 10:77-78, 1988.
- 40. McCusker J, Zapka JG, Stoddard AM, **Mayer KH**, Avrunin JS, Saltzman SP, Morrison CS: Effects of HIV antibody test knowledge on subsequent sexual behaviors in a cohort of homosexually active men. <u>American</u> Journal of Public Health 78:462-467, 1988.
- 41. **Mayer KH**: The clinical spectrum of AIDS: Implications for public policy. New England Journal of Public Policy 4:37-55, 1988.
- 42. Seage GR, Landers S, **Mayer KH**, Barry MA, Lamb GA, Epstein AM: Medical costs of ambulatory patients with the AIDS-related complex (ARC) and/or generalized lymphadenopathy syndrome (GLS) related to HIV infection, 1984-85. American Journal of Public Health 78:969-970, 1988.
- 43. Groopman JE, Thomas MA, Ferriani RA, Caiazzo T, Saltzman S, Moon M, Seage G, Horsburgh CR, **Mayer KH**: Lack of evidence of prolonged HIV infection prior to antibody seroconversion. Blood 71:1752-1754, 1988.
- 44. Matsuda Z, Chou MJ, Matsuda M, Huang JH, Chen Y-M, Redfield R, **Mayer KH**, Essex M, Lee T-H: Human immunodeficiency virus type I has an additional coding sequence in the central region of the genome. Proceedings of the National Academy of Sciences 85: 6968-6972, 1988.
- 45. Opal SM, Boyce JM, Medeiros AA, **Mayer KH**, Lyhte LW: Modification of homogeneous resistance in a methicillin resistant strain of <u>Staphylococcus</u> <u>aureus</u> by acquisition of a beta lactamase plasmid. <u>Journal of Antimicrobial Chemotherapy</u> 23:315-325, 1989.
- 46. Victor G, Bramley J, Opal SM, **Mayer KH**: Pyomyositis in a patient with the Acquired Immune Deficiency Syndrome. <u>Archives of Internal Medicine</u>, 149:705-709, 1989.
- 47. Durkin M, **Mayer KH**: The management of bacterial infections in cancer patients. <u>The Cancer Journal</u> 2(8):255-259, 1989.
- 48. McCusker J, Zapka JG, Stoddard AM, **Mayer KH**: Responses to the AIDS epidemic among homosexually active men: factors associated with preventive behavior. <u>Patient Education and Counseling</u> 13:15-30, 1989.
- 49. Opal SM, **Mayer KH**, Roland F, Brondum J, Heelan J, Lyhte L: Investigation of a food-borne outbreak of salmonellosis among hospital employees. <u>American Journal of Infection Control</u> 17:141-147, 1989.
- 50. Dudley MN, Mandler HD, **Mayer KH**, Zinner SZ: Serum inhibitory and bactericidal activity of Ciprofloxacin following intravenous administration. <u>Annals of Pharmacotherapy</u> 23:456-460, 1989.

- 51. Carpenter CCJ, **Mayer KH**, Fisher A, Desai M, Durand L: Natural history of AIDS in women in Rhode Island, American Journal of Medicine 86:771-775, 1989.
- 52. McCusker J, Stoddard AM, Zapka JG, Zorn M, **Mayer KH**: Predictors of AIDS-preventive behavior among homosexually active men: a longitudinal study. <u>AIDS</u> 3:433-447, 1989.
- 53. Horsburgh CR, Ou CY, Jason J, Holmberg SD, Longini IM, Schable C, **Mayer KH**, Lifson AR, Schochetman G, Ward JW, Rutherford GW, Seage GR, Jaffe HW: Duration of Human Immunodeficiency Virus infection before detection of antibody. <u>Lancet</u> 2:637-640, 1989.
- 54. DeGruttola V, Seage GR, **Mayer KH**, Horsburgh CR: Infectiousness of HIV between male homosexual partners. Journal of Clinical Epidemiology 42:849-856, 1989.
- 55. Seage GR, Horsburgh CR, Hardy AM, **Mayer KH**, Barry MA, Groopman JE, Jaffe HW, Lamb GA: Increased suppressor T cells in probable transmitters of HIV infection. <u>American Journal of Public Health</u> 79:1638-1642, 1989.
- 56. **Mayer KH**, Opal SM: Unusual nosocomial pathogens. <u>Infectious Disease Clinics of North America</u> 3(40):883-899, 1989.
- 57. McCusker J, Hill EM, **Mayer KH**: Awareness and Utilization of the hepatitis B vaccine among homosexual male clients of a Boston community health center. Public Health Reports 105:59-64, 1990.
- 58. **Mayer KH**: Public health and community-related consequences of the HIV epidemic. <u>Seminars in Oncology</u> 17:261-268, 1990.
- 59. Gostin LO, Cleary PD, **Mayer KH**, Brandt AM, Chittenden EH: Screening immigrants and international travelers for the human immunodeficiency virus. New England Journal of Medicine 322:1743-1746, 1990, reprinted in International Law and AIDS: International Responses, Current Issues, and Future Directions, American Bar Association, Washington, D.C., 1990.
- 60. McCusker J, Westenhouse J, Stoddard AM, Zapka JG, Zorn M, **Mayer KH**: Use of drugs and alcohol by homosexually active men in relation to sexual practices. <u>Journal of Acquired Immune Deficiency Syndromes</u> 3:729-736, 1990.
- 61. Horsburgh CR, Evatt B, Holmberg S, Jaffe H, Jason J, Lifson A, **Mayer KH**, Moore D, Ou C, Schochetman G, Seage G, Ward J: Concordance of PCR with HIV antibody detection. <u>Journal of Infectious Diseases</u> 162: 542-545, 1990.
- 62. Zierler S, Laufer D, Feingold L, Kantrowitz-Gordon I, Carpenter C, **Mayer KH**: Heterosexual behavior and HIV infection: the New England Behavioral Health Study. Rhode Island Medical Journal 73:285-292, 1990.
- 63. Imam N, Carpenter CCJ, **Mayer KH**, Fisher A, Stein M, Danforth SB: Hierarchical pattern of mucosal candida infections in HIV seropositive women. American Journal of Medicine 89:142-146, 1990.
- 64. Zapka J, McCusker J, Stoddard A, Morrison C, **Mayer KH**: Psychosocial factors and AIDS-related behavior of homosexual men: measurement and associations. Evaluation and the Health Professions 13:283-297, 1990.
- 65. Ardman B, Levy E, **Mayer KH**, Bristol J, Ryan M, Settles M, Sodroski J: Surface immunoglobulin-positive T lymphocytes in HIV infection: Relationship to CD4+ lymphocyte depletion. <u>Clinical Immunology and Immunopathology</u> 56:249-258, 1990.
- 66. Opal SM, **Mayer KH**, Stenberg MJ, Blazek JE, Mikolich DJ, Dickensheets DL, Lyhte L, Trudel R, Selander RK, Musser JM: Frequent acquisition of multiple strains of methicillin-resistant <u>Staphylococcus</u> <u>aureus</u> by health care workers in an endemic hospital environment. <u>Infection Control and Hospital Epidemiology</u> 11:479-485, 1990.

.

- 67. Marchbanks CR, Mikolich DJ, **Mayer KH**, Zinner SH, Dudley MN: Pharmacokinetics and bioavailability of IV-to-oral enoxacin in elderly patients with complicated urinary tract infections. <u>Antimicrobial Agents and Chemotherapy</u> 34:1966-1972, 1990.
- 68. Neill MA, Opal SM, Heelan J, Guisti R, Cassidy JE, White R, **Mayer KH**: Failure of Ciprofloxacin to eradicate convalescent fecal excretion following acute salmonellosis: experience during an outbreak in health care workers. Annals of Internal Medicine 114:195-199, 1991.
- 69. Niedzwicki JG, Kouttab NM, **Mayer KH**, Abushanab E, Parks E, Abernathy DR: Plasma adenosine deaminase 2: A marker for HIV infection. Journal of Acquired Immunodeficiency Syndromes 4:178-182, 1991.
- 70. Van Voorhis BJ, Martinez A, **Mayer KH**, Anderson DJ: Detection of HIV type 1 in semen from seropositive men using the polymerase chain reaction DNA amplification technique. <u>Fertility and Sterility</u> 55:588-594, 1991.
- 71. Stein MD, Piette J, Mor V, Wachtel TJ, Fleishman J, **Mayer KH**, Carpenter CCJ: Differences in access to zidovudine (AZT) among symptomatic HIV-infected persons. <u>Journal of General Internal Medicine</u> 6:35-40, 1991.
- 72. Zierler S, Feingold L, Laufer D, Velentgas P, Kantrowitz-Gordon I, **Mayer KH**: Adult survivors of childhood sexual abuse and subsequent risk of HIV infection. American Journal of Public Health 81:572-575, 1991.
- 73. Niedzwicki JG, **Mayer KH**, Abushanab E, Abernethy DR: Plasma adenosine deaminase 2 is a marker for HIV-1 seroconversion. American Journal of Hematology 37:152-155, 1991.
- 74. Posner MR, Hideshima T, Cannon T, Mukherjee M, **Mayer KH**, Byrn R: An IgG human monoclonal antibody that reacts with HIV-1/gp120, inhibits virus binding to cells, and neutralizes infection. <u>Journal of Immunology</u> 146:4325-4332, 1991.
- 75. Dudley MN, Blaser J, Gilbert D, **Mayer KH**, Zinner SH: Combination therapy with Ciprofloxacin plus azlocillin against Pseudomonas aeruginosa: effect of simultaneous vs. "staggered" administration in an in vitro model of infection. <u>Journal of Infectious Diseases</u> 164: 4999-506, 1991.
- 76. Stein MD, Piette J, Mor V, Wachtel T, Fleishman J, Carpenter CCJ, **Mayer KH**: HIV-Positive Women: Reasons They are Tested for HIV and their Clinical Characteristics on Entry into the Health Care System. Journal of General Internal Medicine 6:286-289, 1991.
- 77. Stein MD, **Mayer KH**: Drug therapy of major opportunistic infections in HIV-infected patients. <u>Hospital</u> Formulary 26:706-713, 1991.
- 78. Zapka JG, Stoddard, A, Zorn M, McCusker J, **Mayer KH**: HIV antibody test result knowledge: risk perceptions and behavior of homosexually active men. Patient Education and Counseling 18:9-17, 1991.
- 79. Carpenter CCJ, **Mayer KH**, Stein MD, Leibman, BD, Fisher A, Fiore TC: Human Immunodeficiency Virus infection in North American women: experience with 200 cases and review of the literature. <u>Medicine</u> 70:307-324, 1991.
- 80. Ruff MR, Smith C, Kingan T, Jaffe H, Heseltine P, Gill MA, **Mayer KH**, Pert CB, Bridge TP: Pharmacokinetics of Peptide T in patients with AIDS. <u>Prog. Neuro. Psychopharmacol. and Biol. Psychiat</u> 15(6):791-801, 1991.
- 81. Cohen C, Shevitz A, **Mayer KH**: Expanding access to new investigational therapies. <u>Primary Care Clinics of North America</u> 19(1):87-96, 1992.
- 82. Wolff H, **Mayer KH**, Seage G, Horsburgh CR, Anderson D: A comparison of HIV-1 antibody classes, titers, and specificities in paired semen and blood samples from HIV-1 seropositive men. <u>Journal of AIDS</u> 5:65-69, 1992.

-

- 83. Seage GR, **Mayer KH**, Horsburgh CR, Holmberg SD, Moon MW, Lamb GA: The relationship between nitrate inhalants, unprotected receptive anal intercourse, and the risk of HIV infection. <u>American Journal of Epidemiology</u> 135:1-11, 1992.
- 84. Seage, GR, Mayer KH, Horsburgh CR, Cai B, Lamb GA: Corroboration of sexual histories of homosexual male couples. <u>American Journal of Epidemiology</u> 135:79-84, 1992.
- 85. Anderson DJ, O'Brien TR, Politch JA, Martinez A, Seage GR, Padian N, Horsburgh R, **Mayer KH**: Effects of disease stage and zidovudine therapy on the detection of HIV-1 in semen. <u>Journal of the American Medical Association</u> 267:2769-2774, 1992.
- 86. **Mayer KH** and Ellal JA: Lomefloxacin: Microbiologic assessment and properties. <u>American Journal of Medicine 4A:58-62, 1992.</u>
- 87. McCusker J, Stoddard A, McDonald M, Zapka J, **Mayer KH**: Maintenance of behavioral change in a cohort of homosexually active men. AIDS 6: 861-868, 1992.
- 88. Dudley MN, Graham KK, Kaul S, Geletko S, Dunkle L, Browne M, **Mayer KH**: Pharmacokinetics of Stavudine (2'3'-didehydrodeoxythymidine) in patients with AIDS or AIDS-related complex. <u>Journal of Infectious Diseases</u> 166:480-485, 1992.
- 89. Stein M, O'Sullivan P, Wachtel T, Fisher A, Mikolich D, Sepe S, Fort G, Carpenter C, Skowron G, **Mayer KH**: Causes of death in persons with human immunodeficiency virus infection. <u>American Journal of Medicine</u> 93:387-390, 1992.
- 90. Browne MJ, **Mayer KH**, Chafee SDB, Dudley MN, Posner MR, Steinberg SM, Graham KK, Geletko SM, Zinner SH, Denman SL, Dunkle LM, Kaul S, McLaren C, Skowron G, Kouttab NA, Kennedy TA, Weitberg AB, Curt GA: 2'3'-didehydro 3'-deoxythymidine (D4T) in patients with AIDS or ARC. <u>Journal of Infectious</u> Diseases 167:21-29, 1993.
- 91. Piette J, Mor V, **Mayer KH**, Zierler S, Wachtel T: Variation in health service use among people with HIV disease: the effect of immune status and race on inpatient and outpatient rates. <u>American Journal of Public Health</u> 83:510-514,1993.
- 92. Cavacini LA, Emes CL, Power J, Underdahl J, Goldstein R, **Mayer KH**, Posner MR: Loss of serum antibodies to a conformational epitope of HIV-1/gp120 identified by a human monoclonal antibody is associated with disease progression. <u>Journal Acquired Immune Deficiency Syndrome</u> 6:1093-1102, 1993.
- 93. Seage GR, Mayer KH, Horsburgh CR: Risk of HIV infection from unprotected receptive anal intercourse increases with decline in immunologic status of HIV infected partners. <u>American Journal of Epidemiology</u> 137:899-908, 1993.
- 94. DiFranco MJ, Marlink R, Hunter D, Tosteson T, **Mayer KH**, Essex: Association of immune activation with intravenous heroin use and methadone treatment in HIV-1 seropositive and seronegative subjects. <u>Journal</u> Acquired Immune Deficiency Syndrome 6:1297-1300, 1993.
- 95. Stein MD, Flanigan TP, Carpenter CCJ, Jesdale W, Bettencourt F, Fiore T, Hutchins D, Fisher A, **Mayer KH**: The changing presentation of HIV disease in women in Rhode Island. <u>Journal of Women's Health</u> 2:367-371, 1993.
- 96. Piette J, Fleishman J, Stein M, Mor V, **Mayer KH**: Perceived needs and unmet needs for formal services among people with HIV disease. <u>Journal of Community Health</u> 18:11-23, 1993.
- 97. Politch JA, **Mayer KH**, Abbott A, Anderson DJ: The effects of disease progression and zidovudine therapy on semen quality in Human Immunodeficiency Virus Type I seropositive men. <u>Fertility and Sterility</u> 61:922-928, 1994.

_

- 98. Kalayjian RC, Skowron G, Emgushov R-T, Chance M, Spell SA, Borum PR, Webb LS, **Mayer KH**, Jackson JB, Yen-Leiberman B, Story KO, Rowe BW, Thompson K, Goldberg D: A phase I/II trial of intravenous L-2-oxothiazoline-4-carboxylic acid (procysteine) in asymptomatic HIV-infected subjects. <u>Journal of Acquired Immune Deficiency Syndrome</u> 4:369-374, 1994.
- 99. Gostin L, Lazzarini Z, Alexander D, Brandt AM, **Mayer KH**, Silverman DC: HIV testing, counseling, and prophylaxis following sexual assault. Journal of the American Medical Association 271:1436-1444, 1994.
- 100. Larrat EP, Zierler S, **Mayer KH**: Cocaine use and heterosexual exposure to HIV. <u>Epidemiology</u> 5:398-403, 1994.
- 101. Knowlton R, McCusker J, Stoddard A, Zapka J, **Mayer KH**: The use of the CAGE questionnaire in a cohort of homosexually active men. <u>Journal of Studies on Alcohol</u> 692-694, November 1994.
- 102. Carini C, McLane MF, **Mayer KH**, Essex M: Dysregulation of interleukin-7 receptor may generate loss of cytotoxic T cell response in human immunodeficiency virus type 1 infection. <u>Eur J Immunol</u> 24: 2927-2934, 1994.
- 103. Piette J, Wachtel TJ, Mor V, **Mayer KH**: The impact of age on the quality of life in persons with HIV infection. Journal of Aging and Health 7:163-178, 1995.
- 104. Reef SE, **Mayer KH**: Opportunistic Candidal Infections in Patients Infected with human immunodeficiency virus: prevention issues and priorities. Clinical Infectious Diseases 21:S99-S102, 1995.
- 105. Horton CM, Dudley MN, Kaul S, **Mayer KH**, Squires K, Dunkle L, Anderson R: Population pharmacokinetics of Stavudine (d4T) in patients with AIDS or advanced AIDS-related complex. <u>Antimicrobial Chemotherapy</u> 39:2309-2315, 1995.
- 106. Mayer KH, Anderson DJ: Heterosexual HIV transmission. Infectious Agents and Disease 4:273-284, 1995.
- 107. Stevens J, Zierler S, Cram V, Dean V, Mayer KH, DeGroot AS: Risks for HIV infection in incarcerated women. Journal of Women's Health 4(5):1-7, 1995.
- 108. Mor V, Stein M, Carpenter C, **Mayer KH**: A tale of two health care delivery systems. <u>Journal of Health and</u> Human Resource Services Administration 18:1-19, 1995.
- 109. Demets DL, Fleming TR, Whitley RJ, Childress JF, Ellenberg SS, Foulkes M, **Mayer KH**, et al: The Data and Safety Monitoring Board and AIDS Clinical Trials. Controlled Clinical Trials 16:408-421, 1995.
- 110. Geletko S, Segarra M, **Mayer KH**, Fiore TC, Bettencourt FA, Flanigan TP, Dudley MN: Electronic compliance assessment with antifungal prophylaxis in HIV-infected women. <u>Antimicrobial Agents and Chemotherapy</u> 40:1338-1341, 1996.
- 111. Peipert JF, Boardman L, Sung J, **Mayer KH**: Laboratory Evaluation of acute upper genital tract infection. Obstetrics and Gynecology 87:730-736, 1996.
- 112. Larrat EP, Zierler S, **Mayer KH**: Cocaine use and HIV disease progression among heterosexuals. Pharmacoepidemiology and Drug Safety 5:229-236, 1996.
- 113. Soto-Ramirez LE, Renijifo B, McLane MF, Marlink R, O'Hara C, Sutthent R, Wasi C, Vithayasai P, Vithayasai V, Apichartpiyakul C, Auewarakul P, Cruz VP, Chui DS, Osathanondh R, **Mayer KH**, Lee TH, Essex M: HIV-1 langerhans' cell tropism associated with heterosexual transmission. Science 271:1291-1293, 1996.
- 114. Gross M, Seage GR, **Mayer KH**, Goldstein RS, Losina E, Wold C: Interest among gay/bisexual men in greater Boston in participating in clinical trials of preventive HIV vaccines. <u>Journal of Acquired Immune Deficiency</u> Syndromes and Human Retrovirology 12:406-412, 1996.

-

- 115. Wang WK, **Mayer KH**, Essex M, Lee TH: Sequential change of cysteine residues in hypervariable region 1 of glycoprotein 120 in primary HIV type 1 isolates of subtype B. <u>AIDS Research and Human Retroviruses</u> 12:1195-1197, 1996.
- 116. Wang WK, Essex M, McLane MF, **Mayer KH**, Hsieh CC, Brumblay HG, Seage G, Lee TH: Pattern of gp 120 sequence divergence linked to a lack of clinical progression in human immunodeficiency virus type 1 infection. Proc. Natl. Acad. Sci 93:6693-6697, 1996.
- 117. Zierler S, Witbeck B, **Mayer KH**: Sexual violence against women living with or at risk for HIV infection. American Journal of Preventive Medicine 12:304-310, 1996.
- 118. Cu-Uvin S, Flanigan TP, Rich JD, Mileno MD, **Mayer KH**, Carpenter CC: Human immunodeficiency virus infection and acquired immunodeficiency syndrome among North American women. <u>American Journal of Medicine</u> 101(3):316-22, 1996.
- 119. Seage GR, **Mayer KH**, Lenderking WR, Wold C, Gross M, Goldstein R, Cai B, Heeren T, Hingson R, Holmberg S: HIV and hepatitis B infection and risk behavior in young gay and bisexual men. <u>Public Health</u> Reports 112:158-167, 1997.
- 120. Lenderking WR, Wold C, **Mayer KH**, Goldstein R, Losina E, Seage GR: Childhood sexual abuse among homosexual men: prevalence and association with unsafe sex. <u>Journal of General Internal Medicine</u> 12: 250-253, 1997.
- 121. Carroll N, Goldstein RS, Lo W, **Mayer KH**: Gynecological infections and sexual practices of Massachusetts lesbian and bisexual women. Journal of the Gay and Lesbian Medical Association 1:15-23, 1997.
- 122. **Mayer KH**: Practical application and limitations of "eradication" therapy. <u>The AIDS Reader</u>, AmFAR Symposium, July/August 1997.
- 123. Xu C, Politch JA, Tucker L, **Mayer KH**, Seage GR, Anderson DA: Factors associated with increased levels of HIV type 1 DNA in semen. Journal of Infectious Diseases 176:941-947, 1997.
- 124. Quayle AJ, Xu Chong, **Mayer KH**, Anderson DA: T lymphocytes and macrophages, but not motile spermatozoa, are a significant source of HIV in semen. Journal of Infectious Diseases 176:960-968, 1997.
- 125. Haimovici F, **Mayer KH**, Anderson DJ: Quantitation of HIV-1 specific IgG, IgA, and IgM antibodies in human genital tract secretions. <u>Journal of Acquired Immunodeficiency Syndromes and Human Retrovirology</u> 15:185-191, 1997.
- 126. Smith KW, Avis NE, **Mayer KH**, Swislow L: Use of the MQoL-HIV with asymptomatic HIV-positive patients. Quality of Life Research 6:555-560, 1997.
- 127. Wold C, Seage GR, Lenderking WR, **Mayer KH**, Cai B, Heeren T, Goldstein R: Unsafe Sex Among Men Who Have Sex With Both Men and Women. <u>Journal of Acquired Immune Deficiency Syndromes & Human Retrovirology</u> 17:361-367, 1998.
- 128. Seage GR, Mayer KH, Wold C, Lenderking WR, Goldstein R, Cai B, Gross M, Heeren T, Hingson R: The Social Context of Drinking, Drug Use, and Unsafe Sex in the Boston Young Men Study <u>Journal of Acquired</u> Immune Deficiency Syndromes & Human Retrovirology 17:368-375, 1998.
- 129. Santiago ML, Santiago EG, Hafalla JCR, Manalo MA, Orantia L, Cajimat MNB, Martin C, Cuaresma C, Dominguez CE, Borromeo ME, DeGroot AS, Flanigan TP, Carpenter CCJ, **Mayer KH**, Ramirez BL: Molecular Epidemiology of HIV-1 Infection in the Philippines, 1985-1997: Transmission of Subtypes B & E & Potential Emergence of Subtypes C & F. <u>Journal of Acquired Immune Deficiency Syndromes & Human Retrovirology</u> 18:260-269, 1998.

- 130. Cohen CJ, Iwane MK, Palensky JB, Levin DL, Meagher KJ, Frost KR, **Mayer KH**: A National HIV Community Cohort: Design, Baseline, and Follow-up of the AmFAR Observational Database. <u>Journal of Clinical Epidemiology</u> 9:779-793, 1998.
- 131. Stone VE; Clarke J, Lovell J, Steger KA, Hirschorn LR, Boswell, Monroe AD, Stein MD, Tyree TJ, **Mayer KH**: HIV/AIDS Patients' Perspectives on Taking & Adhering to Protease Inhibitor Containing Regimens. <u>J.</u> Gen. Inter. Med. 13(9):586-592, 1998.
- 132. Koblin BA, Heagerty P, Sheon A, Buchbinder S, Celum C, Douglas JM, Gross M, Marmor M, Mayer KH, Metzger D, Seage G: Readiness of high-risk populations in the HIV Network for Prevention Trials to participate in HIV vaccine efficacy trials in the United States. AIDS 12:785-793, 1998.
- 133. Anderson DJ, Politch JA, Tucker LD, Fichorova R, Haimovici F, Tuomala RE, **Mayer KH**: Quantitation of Mediators of Inflammation and Immunity in Genital Tract Secretions and their Relevance to HIV Type 1 Transmission. AIDS Research & Human Retroviruses 14:S43-S49, 1998.
- 134. Quayle AJ, Coston WMP, Trocha A, Kalams S, **Mayer KH**, Anderson DJ: Detection of HIV-1 Specific Cytotoxic T Lymphocytes in the Semen of HIV-Infected Individuals. <u>Journal of Immunology</u> 161:4406-4410, 1998.
- 135. Wong FW, Chng CL, Ross ML, **Mayer KH**: Sexualities as social roles among Asian and Pacific Islander American gay, bisexual, lesbian, and transgender individuals: Implications for community-based health education and prevention. J. Gay & Lesbian Medical Assoc. 2:157-166, 1998.
- 136. Schuman P, Sobel JD, Ohmit E, **Mayer KH**, Carpenter CJ, Rompalo A, Duerr A, Smith DK, Warren D, Klein RS: Mucosal Candidal colonization & Candidiasis in Women with or at Risk for Human Immunodeficiency Virus Infection. Clinical Infectious Diseases 27:1161-1167, 1998.
- 137. Schuman P, Ohmit SE, Sobel JD, **Mayer KH**, Greene V, Rompalo A, Klein RS: Oral lesions among women living with or at risk for HIV infection. HIV Epidemiology Research Study (HERS) Group. <u>American Journal</u> of Medicine. 104(6):559-64, 1998.
- 138. Gampper SN, George JA, Carter EJ, Jesdale BM, Flanigan TP, **Mayer KH**, DeGroot AS: Co-infection with Mycobacterium tuberculosis and HIV in high risk clinical care setting in Rhode Island. <u>AIDS Care</u> 10(2):221-9, 1998.
- 139. Mansourati FF, Stone VE, **Mayer KH**: Porphyria cutanea tarda & HIV/AIDS: a review of pathogenesis, clinical manifestations & management. <u>International Journal of STD & AIDS</u> 10:1361-1366, 1999.
- 140. **Mayer KH**, Boswell S, Goldstein R, Lo W, Xu C, Tucker L: Persistence of Human Immunodeficiency Virus in Semen After Adding Indinavir to Combination Antiretroviral Therapy. <u>Clinical Infectious Diseases</u> 28:1252-9, 1999.
- 141. Flanigan, TP, Hogan, JW, Smith, D, Schoenbaum, E, Vlahov, D, Schuman, P, **Mayer, KH**: Self-Reported Bacterial Infections Among Women with or at Risk for Human Immunodeficiency Virus Infection: <u>Clinical Infectious Diseases</u> 29:608-12, 1999.
- 142. Cu-Uvin S, Hogan J, Warren D, Klein R, Peipert J, Schuman P, Holmberg S, Anderson J, Schoenbaum E, Vlahov D, **Mayer KH**: Prevalence of Lower Genital Tract Infections among HIV-Seropositive and high-risk HIV-Seronegative Women: Clinical Infectious Diseases 29:1145-1150, 1999.
- 143. Powderly WG, **Mayer KH**, Perfect JR: Diagnosis and Treatment of Oropharyngeal Candidiasis in Patients Infected with HIV: A Critical Reassessment: <u>AIDS Research and Human Retroviruses</u> 15(16):1405-1412, 1999.

- 144. Carroll N, Linde R, **Mayer KH,** Lara AM, Bradford J: Developing a Lesbian Health Research Program: Fenway Community Health Center's Experience and Evolution: <u>Journal of the Gay and Lesbian Medical</u> Association 3: 145-152, 1999.
- 145. Stone E, Heagerty P, Vittinghoff E, Douglas, Jr. JM, Koblin BA, **Mayer KH**, Celum CL, Gross M, Woody GE, Marmor M, Seage GR, and Fuchbinder SP: Correlates of Condom Failure in a Sexually Active Cohort of Men Who Have Sex With Men: <u>Journal of Acquired Immunodeficiency Symdromes and Human Retrovirology</u> 20(5): 495-501, 1999.
- 146. Cavacini LA, Peterson JE, Nappi E, Duval M, Goldstein R, **Mayer KH**, Posner MR: Minimal Incidence of Serum Antibodies Reactive with Intact Primary Isolate Virions in HIV-1 Infected Individuals. <u>Journal of Virology</u> 73:9638-9641, 1999.
- 147. Zieler S, **Mayer K**, Moore J. Stein M. Schoenbaum E, Schuman P, Rompalo A: Sexual practices in a cohort of US women with and without human immunodeficiency virus. HERS Study. HIV Epidemiology Research Study. J Am Med Womens Assoc. 54(2):79-83, 1999.
- 148. Hammett TM, Mason TH, Joanis CL, Foster SE, Harmon P, Robles RR, Finlinson A, Feudo R, Vining-Bethea S, Jeter G, **Mayer KH**, Doherty-Iddings P, Seage GR: Acceptability of Formulations and Application Methods for Vaginal Microbicides Among Drug-Involved Women: <u>Sexually Transmitted Diseases</u> 27:119-126, 2000.
- 149. Gross M, Holte S, Seage G, Buchbinder SP, Metzger DS, **Mayer, KH:** Feasibility of Chemoprophylaxis Studies in High Risk HIV-Seronegative Populations. <u>AIDS Education and Prevention</u> 12(1):71-78, 2000.
- 150. Cu-Uvin S, Caliendo AM, Reinert S, Chang A, Juliano-Remollino C, Flanigan TP, **Mayer KH**, Carpenter CCJ: Effect of highly active antiretroviral therapy on cervicovaginal HIV-1 RNA. AIDS 14:415-421, 2000.
- 151. Newmann S, Sarin P, Kumarasamy N, Amalraj E, Rogers M, Madhivanan P, Flanigan T, Cu-Uvin S, McGarvey S, **Mayer K**, Solomon S. Marriage, monogamy and HIV: a profile of HIV-infected women in south India. International Journal of STD & AIDS 11:250-253, 2000.
- 152. Gaiter J, Jurgens R, **Mayer K**, Hollibough A. Harm Reduction Inside and out: Controlling HIV in and out of Correctional Institutions. <u>The AIDS Reader</u> 10(1):45-53, 2000.
- 153. Hirschhorn L, Kunches L, **Mayer K**. Nonoccupational Postexposure Prophylaxis. Evolving Clinical Practice. AIDS Clinical Care 12(1):6-12, 2000.
- 154. **Mayer KH**, Kwong J, Singal R, Boswell S: Non-occupational post-exposure prophylaxis: Clinical issues and public health questions. <u>Medicine and Health/Rhode Island</u> 83:210-213, 2000.
- 155. Bentley ME, Morrow KE, Fullem A, Chesney M, Horton SD, Rosenberg Z, **Mayer KH**. Acceptability of a Novel Vaginal Microbicide During a Safety Trial Among Low-Risk Women. <u>Family Planning Perspectives</u> 184-188, 2000.
- 156. Spielberg F, Critchlow C, Vittinghoff E, Schwartz Coletti A, Sheppard H., **Mayer KH**, Metzger D, Judson FN, Buchbinder S, Chesney M and Gross M, for the HIV Early Detection Study Group. Home collection for frequent HIV testing: acceptability of oral fluids, dried blood spots and telephone results. <u>AIDS</u> 14:1819-1827, 2000.
- 157. Gross M, Holte S, Marmor M, Mwatha A, Koblin B, **Mayer KH** for the HIVNET Vaccine Preparedness Study 2 Protocol Team: Anal Sex Among HIV-Seronegative Women at High Risk of HIV Exposure, <u>Journal of Acquired Immune Deficiency Syndromes & Human Retrovirology</u> 24:393-398, 2000.
- 158. DeMaria, Jr. A, Kunches L, **Mayer K**, Cohen C, Epstein P, Werner B, Day J, DeCristofaro J, Landers S, Tang Y, Coady W, and the Massachusetts gp160 Working Group, Immune Responses to a Recombinant Human

10

- Immunodeficiency Virus Type 1 (HIV-1) gp160 Vaccine Among Adults with Advanced HIV Infection, <u>Journal</u> of Human Virology 3(4): 182-192, 2000.
- 159. Kahn J, Cherng DW, **Mayer K**, Murray H, Lagakos S, for the 806 Investigator Team: Evaluation of HIV-1 Immunogen, an Immunologic Modifier, Administered to Patients Infected With HIV Having 300 to 549 x 10⁶/L CD4 Cell Counts. JAMA 284(17):2193-2202, 2000.
- 160. **Mayer KH** and Rosenberg AE. A 49-Year-Old Man with the Acquired Immunodeficiency Syndrome and a Tibial Lesion, Case Records of the Massachusetts General Hospital. New England Journal of Medicine 343:281-287: 2000.
- 161. Hammett TM, Norton GD, Mason TH, Langenbahn S, **Mayer KH**, Robles RR, Feudo R, Seage GR 3rd: Druginvolved women as potential users of vaginal microbicides for HIV and STD prevention: a three-city survey. <u>J</u> of Womens Health Gend Based Med, 9(10):1071-80, 2000.
- 162. Goulder PJ, Tang Y, Brander C, Betts M, Altfeld M, Annamalai K, Trocha A, He S, Rosenberg E, Ogg G, O'Callaghan CA, Kalams SA, McKinney, Jr. RE, Mayer K, Koup RA, Pelton SI, Burchett SK, McIntosh K, Walker BD. Functionally inert HIV-specific cytotoxic T lymphocytes do not play a major role in chronically infected adults and children. Journal of Experimental Medicine 192(12):1819-32, 2000.
- 163. Celum CL, Buchbinder SP, Donnell D, Douglas JM Jr., **Mayer K**, Koblin B, Marmor M, Bozeman S, Grant RM, Flores J, and Sheppard HW: Early Human Immunodeficiency Virus (HIV) Infection in the HIV Network for Prevention Trials Vaccine Preparedness Cohort: Risk Behaviors, Symptoms, and Early Plasma and Genital Tract Virus Load. The Journal of Infectious Diseases 183:23-35, 2001.
- 164. Sobel JD, Ohmit SE, Schuman P, Klein RS, **Mayer K**, Duerr A, Vazquez JA, and Rompalo A for the HIV Epidemiology Research Study (HERS) Group: The Evolution of *Candida* Species and Fluconzaole Susceptibility among Oral and Vaginal Isolates Recovered from Human Immunodeficiency Virus (HIV)--Seropositive and At-Risk HIV-Seronegative Women. The Journal of Infectious Diseases 183:286-93, 2001.
- 165. **Mayer KH**, Peipert J, Fleming T, Fullem A, Moench T, Cu-Uvin S, Bentley M, Chesney M, Rosenberg: Safety and Tolerability of BufferGel, a Novel Vaginal Microbicide, in Women in the United States: <u>Clinical Infectious Disease</u> 32:476-482, 2001.
- 166. Seage III GR, Holte SE, Metzger D, Koblin BA, Gross M, Celum C, Marmor M, Woody G, Mayer KH, Stevens C, Judson FN, McKirnan D, Sheon A, Self S, and Buchbinder SP. Are US Populations Appropriate for Trials of Human Immunodeficiency Virus Vaccine? The HIVNET Vaccine Preparedness Study, <u>American Journal of Epidemiology</u> 153(7):619-627, 2001.
- 167. Belshe RB, Stevens C, Gorse GJ, Buchbinder S, Weinhold K, Sheppard H, Stablein D, Self S, McNamara J, Frey S, Flores J, Excler JL, Klein M, El Habib R, Duliege A, Harro C, Corey L, Keefer M, Mulligan M, Wright P, Celum C, Judson F, **Mayer K**, McKirnan D, Marmor M, and Woody G. Safety and Immunogenicity of a Canarypox-Vectored Human Immunodeficiency Virus Type 1 Vaccine with or without gp120: A Phase 2 Study in Higher- and Lower-Risk Volunteers. The Journal of Infectious Diseases 183:1343-52, 2001.
- 168. **Mayer K**, Appelbaum J, Rogers T, Lo W, Bradford J, Boswell S: The Evolution of the Fenway Community Health Model. American Journal of Public Health 91(6):892-894, 2001.
- Stone VE, Mansourati FF, Poses RM, Mayer KH. Relation of Physician Specialty and HIV/AIDS Experience to Choice of Guideline Recommended Antiretroviral Therapy. <u>Journal of General Internal Medicine</u>, 16:360-368, 2001.
- 170. Warren D, Klein RS, Sobel J. Kieke B, Brown W, Schuman P, Anderson J, Cu-Uvin S, **Mayer K**, Jamieson DJ, Holmberg S, Duerr A, for the HIV Epidemiology Research Study Group. A Multicenter Study of Bacterial

4 4

- Vaginosis in Women With or At Risk for Human Immunodeficiency Virus Infection. <u>Infectious Diseases in</u> Obstetrics and Gynecology 9:133-141, 2001.
- 171. Cu-Uvin S, Hogan JW, Caliendo AM, Harwell J, **Mayer KH**, Carpenter CJ, for the HIV Epidemiology Research Study. Association between Bacterial Vaginosis and Expression of Human Immunodeficiency Virus Type 1 RNA in the Female Genital Tract. Clinical Infectious Diseases 33(6):894-896, 2001.
- 172. Rompalo AM, Shah N, **Mayer K**, Schuman P, Klein RS, Smith DK, Vlahov. Influence of Injection Drug Use Behavior on Reported Antiretroviral Therapy Use Among Women in the HIV Epidemiology Research Study: On-Site Versus Referral Care. <u>Journal of Acquired Immune Deficiency Syndromes</u> 28(1):28-34, 2001.
- 173. Safren SA, Otto MW, Worth JL, Salomon E, Johnson W, **Mayer K**, Boswell S: Two Strategies to Increase Adherence to HIV Antiretroviral Medication: Life-Steps and Medication Monitoring. <u>Behaviour Research and Therapy</u> 39(10):1151-1162, 2001.
- 174. Semba RD, Shah N, Klein RS, **Mayer KH**, Schuman P, Gardner LI, Vlahov D: Highly active antiretroviral therapy associated with improved anemia among HIV-infected women. <u>AIDS Patient Care STDS</u> 15(9):473-80, 2001.
- 175. Moore J, Hamburger ME, Vlahov D, Schoenbaum EE, Schuman P, **Mayer K**. Longitudinal study of condom use patterns among women with or at risk for HIV. AIDS and Behavior 5:263-273, 2001.
- 176. Semba RD, Shah N, Klein RS, **Mayer KH**, Schuman P, Vaihov D, for the Human Immunodeficiency Virus Epidemiology Research Group: Prevalence and Cumulative Incidence of and Risk Factors for Anemia in a Multicenter Cohort Study of Human Immunodeficiency Virus-Infected and -Uninfected Women. Clinical Infectious Diseases 34(2):260-266, 2002.
- 177. Gardner LI, Holmberg SD, Moore J, Arnsten JH, **Mayer KH**, Rompalo A, Schuman, Smith DK, for the HIV Epidemiology Research Study Group: Use of Highly Active Antiretroviral Therapy in HIV-Infected Women: Impact of HIV Specialist Care. <u>Journal of Acquired Immune Deficiency Syndromes</u> 29(1):69-75, 2002.
- 178. Solomon SS, Solomon S, Rodriguez II, McGarvey ST, Ganesh AK, Thyagarajan SP, Mahajan AP, **Mayer, KH**: Dried blood spots (DBS): a valuable tool for HIV surveillance in developing/tropical countries. <u>International Journal of STD & AIDS</u> 13(1):25-28, 2002.
- 179. Blackard JT, Cohen DE, **Mayer KH**: Human immunodeficiency virus superinfection and recombination: current state of knowledge and potential clinical consequences. <u>Clinical Infectious Diseases</u> 34(8):1108-14, 2002.
- 180. Clarke JG, Peipert JF, Hilliar SL, Heber W, Boardman L, Moench TR, **Mayer K**: Microflora Changes with the Use of a Vaginal Microbicide. Sexually Transmitted Diseases 29(5):288-293, 2002.
- 181. Downer MV, Hodge T, Smith DK, Qari SH, Schuman P, **Mayer KH**, Klein RS, Vlahov D, Gardner LI, McNicholl JM. Regional variation in CCR5D32 gene distribution among women from the U.S. HIV Epidemiology Research Study (HERS). Genes and Immunity 2002;3:295-8.
- 182. Colfax GN, Buchbinder SP, Cornelisso PGA, Vittinghoff E, **Mayer K**, Celum C: Sexual risk behaviors and implications for secondary HIV transmission during and after HIV seroconversion. <u>AIDS</u> 16(11):1529-35, 2002.
- 183. Merchant RC, **Mayer KH**, Browning CA: Nonoccupational HIV Post-exposure Prophylaxis: Guidelines for Rhode Island from the Brown University AIDS Program and the RI Department of Health. Medicine and Health\Rhode Island 93(8):244-248, 2002.

- 184. Williams SB, Flanigan TP, Cu-Uvin S, **Mayer**, **K**, Williams P, Ettore CA, Artenstein AW, Duerr A, VanCott TC: Human immunodeficiency virus (HIV)-specific antibody in cervicovaginal lavage specimens obtained from women infected with HIV type 1. Clinical Infectious Diseases 35(5)611-617, 2002.
- 185. Koblin BA, **Mayer K**, Miwatha A, Brown-Peterside P, Holt R, Marmor M, Smith C, Chiasson MA: Doucing practices among women at high risk of HIV Infection in the United States. <u>Sexually Transmitted Diseases</u> 29(7):406-410, 2002.
- 186. Kumarasamy N, Mahajan A, Flanigan T, Hemalatha R, **Mayer K**, Carpenter C, Thyagarajan SP, Solomon S: The Total Lymphocyte count (TLC) is a useful tool for the timing of opportunistic infection prophylaxis in India and other resource-constrained countries. JAIDS 31(4):378-383, 2002.
- 187. Seage GR III, Holte S, Gross M, Koblin B, Marmor M, **Mayer KH**, Lenderking WR: Case-Crossover Study of Partner and Situational Factors for Unprotected Sex. <u>JAIDS</u> 31(4):432-439, 2002.
- 188. Kumarasamy N, Flanigan TP, Mahajan AP, Carpenter CCJ, **Mayer KH**, Solomon S. Monitoring HIV treatment in the developing world. Reflections and Reactions. <u>The Lancet</u>, 2(11):656-657, 2002.
- 189. Renzi C, Douglas JM Jr., Foster M, Critchlow CW, Ashley-Morrow A, Buchbinder SP, Koblin BA, McKirnan DJ, **Mayer KH**, Celum CL: Herpes Simplex Virus Type 2 Infection as a Risk Factor for Human Immunodeficiency Virus Acquisition in Men Who Have Sex with Men. <u>The Journal of Infectious Diseases</u> 187(1):19-25, 2003.
- 190. Kumarasamy N, Solomon S, Flanigan T, Hemalatha R, Thyagarajan SP, **Mayer K**. Natural History of HIV Disease in Southern India. <u>Clin Inf Dis</u> 36(1):79-85, 2003.
- 191. Ko J, Hogan JW, **Mayer KH**. Estimating Casual Treatment Effects from Longitudinal HIV Natural History Studies using Marginal Structural Models. Biometrics 59, 152-162, 2003.
- 192. **Mayer KH**, Karim SA, Kelly C, Maslankowski L, Rees H, Profy AT, Day J, Welch J, Rosenberg Z, for the HIV Prevention Trials Network (HPTN) 020 Protocol Team. Safety and tolerability of vaginal PRO 2000 gel in sexually active HIV-uninfected and abstinent HIV-infected women. AIDS 17(3):321-329, 2003.
- 193. Stover CT, Smith DK, Schmid DS, Pellett PE, Stewart JA, Klein RS, **Mayer K**, Vlahov D, Schuman P, Cannon MJ, for the HIV Epidemiology Research Study Group. Prevalence of and Risk Factors for Viral Infection among Human Immunodeficiency Virus (HIV)-Infected and High-Risk HIV-Uninfected Women. <u>Journal of Infectious Diseases</u> 187(9):1388-1396, 2003.
- 194. Ohmit SE, Sobel JD, Schuman P, Duerr A, **Mayer K**, Rompalo A, Klein RS, for the HIV Epidemiology Research Study (HERS) Group. Longitudinal Study of Mucosal *Candida* Species Colonization and Candidiasis among Human Immunodeficiency Virus (HIV)-Seropositive and At-Risk HIV-Seronegative Women. <u>Journal</u> of Infectious Diseases 188(1):118-127, 2003.
- 195. Harwell JI, Moench T, **Mayer KH**, Chapman S, Rodriguez I, Cu-Uvin S. A pilot study of treatment of bacterial vaginosis with a non-antibiotic topical buffering agent. <u>Journal of Women's Health and Gender Based Medicine</u> 12:255-259, 2003.
- 196. Senya C, Mehta A, Harwell JI, Pugatch D, Flanigan T, **Mayer KH**. Spectrum of opportunistic infections in hospitalized HIV-infected patients in Phnom Penh, Cambodia. <u>International Journal of STD & AIDS</u> 14(16):411-416, 2003.
- 197. Koblin BA, Chesney MA, Husnik MJ, Bozeman S, Celum CL, Buchbinder S, **Mayer K**, McKirnan D, Judson FN, Huang Y, Coates TJ, and the EXPLORE Study Team. High-Risk Behaviors Among Men Who Have Sex With Men in 6 US Cities: Baseline Data from the EXPLORE Study. <u>American Journal of Public Health</u> 93(6):926-932, 2003.

- 198. Chesney MA, Koblin BA, Barresi PJ, Husnik MJ, Celum CL, Colfax G, **Mayer K**, McKirnan D, Judson FN, Huang Y, Coates TJ, and the EXPLORE Study Team. An Individually Tailored Intervention for HIV Prevention: Baseline Data from the EXPLORE Study. <u>American Journal of Public Health</u> 93(6):933-938, 2003.
- 199. Urbina BY, Merchant RC, **Mayer KH**. Case Studies on Nonoccupational Postexposure HIV Prophylaxis. Medicine and Health/Rhode Island 86(6):175-177, 2003.
- 200. DeGroot AS, Jesdale B, Martin W, Saint Aubin C, Sbai H, Bosma A, Lieberman J, Skowron G, Mansourati F, Mayer KH. Mapping cross-clade HIV-1 vaccine epitopes using a bioinformatics approach. <u>Vaccines</u> 21:4486-5405, 2003.
- 201. Mayer KH, Hogan JW, Smith D, Klein RS, Schuman P, Margolick JB, Korkontzelou C, Farzedegan H, Vlahov D, Carpenter, CCJ, for the HIV Epidemiology Research Study (HERS) Group. Clinical and Immunologic Progression in HIV-Infected US Women Before and After the Introduction of Highly Active Antiretroviral Therapy. <u>JAIDS</u> 33(5):614-624, 2003.
- 202. Powderly WG, **Mayer KH**. Centers for Disease Control and Prevention Revised Guidelines for Human Immunodeficiency Virus (HIV) Counseling, Testing, and Referral: Targeting HIV Specialists. Clinical Infectious Diseases 37(6):813-819, 2003.
- 203. Kumarasamy N, Solomon S. Chaguturu SK, Mahajan AP, Flanigan TP, Balakrishnan P, **Mayer KH**. Safety, Tolerability and Effectiveness of Generic Antiretroviral Drug Regimens for HIV-infected Patients in South India. AIDS 17(15):2267-2269, 2003.
- 204. Safren SA, Hendriksen ES, DeSousa N, Boswell SL, **Mayer KH**. Use of an on-line pager system to increase adherence to antiretroviral medications. AIDS Care 15(6):787-793, 2003.
- 205. Morrow K, Rosen R, Richter L, Emans A, Forges A, Day J, Morar N, Maslankowski L, Profy A, Kelly C, Karim SSA, **Mayer KH**. The Acceptability of an Investigational Vaginal Microbicide, PRO 200 Gel, among Women in a Phase I Clinical Trial. Journal of Women's Health 12(7):655-666, 2003.
- 206. Madhivanan P, Cu-Uvin S, Govindarajan M, **Mayer K**, Wilson K, Harwell J, Hemalatha R, Solomon S. Prevalence of Cervical Dysplasia among Women attending an HIV Care Center in Chennai, South India. Journal Obstet Gynecol Ind 53(4):367-370, 2003.
- 207. Sugihantono A, Slidell M, Syaifudin A, Pratjojo H, Utami IM, Sadjimin T, **Mayer KH**. Syphilis and HIV Prevalence among Commercial Sex Workers in Central Java, Indonesia: Risk-Taking Behavior and Attitudes that May Potentiate a Wider Epidemic. <u>AIDS Patient Care and STDs</u> 17(11):595-600, 2003.
- 208. Natividad-Villaneuva G, Santiago E, Manalastas R, Brown HW, Ingersoll J, Caliendo AM, **Mayer KH**, Cu-Uvin S. Human immunodeficiency virus in the plasma and cervicovaginal secretions in Filipino women. International Journal of STD & AIDS 14:826-829, 2003.
- 209. Cavacini LA, Kuhrt D, Duval M, **Mayer K**, Posner MR. Binding and Neutralization Activity of Human IgG1 and IgG3 from Serum of HIV-Infected Individuals. <u>AIDS Research and Human Retroviruses</u> 19(9):785-792, 2003.
- 210. Merchant RC, Becker BM, **Mayer KH**, Fuerch J, Schreck B. Emergency Department Blood or Body Fluid Exposure Evaluations and HIV Post Exposure Prophylaxis Usage. <u>Academic Emergency Medicine</u> 10(12):1345-1353, 2003.
- 211. Merchant RC, **Mayer K**, Browning C. Development of Guidelines on Nonoccupational HIV Post-exposure Prophylaxis for the State of Rhode Island. <u>Public Health Reports</u> 119(2):136-140, 2004.

4 4

- 212. Mahajan AP, Hogan JW, Snyder B, Kumarasamy N, Mehta K, Solomon S, Carpenter CCJ, **Mayer KH**, Flanigan TP. Changes in Total Lymphocyte Count as a Surrogate for Changes in CD4 Count Following Initiation of HAART: Implications for Monitoring in Resource-Limited Settings. <u>JAIDS</u> 36(1):567-575, 2004.
- 213. Theng T, Sok P, Pugatch D, Harwell JI, Rufner KM, Chhi Mean V, **Mayer KH**, Cu-Uvin S. HIV-1 Cordblood Seroprevalence of Parturient Women in Sihanoukville, Cambodia. <u>International Journal of STD & AIDS</u> 15:419-421, 2004.
- 214. Koblin B, Chesney M, Coates T, Husnik M, Beauchamp G, Huang Y, Bozeman S, Madison M, Buckbinder S, Celum C, Colfax G, Judson F, **Mayer K**, McKirnan D for the EXPLORE Study Team. Effects of a behavioural intervention to reduce acquisition of HIV infection among men who have sex with men: the EXPLORE randomized controlled study. The Lancet 364:41-50, 2004.
- 215. Colfax G, Vittinghoff E, Husnik MJ, McKirnan D, Buchbinder S, Koblin B, Celum C, Chesney M, Huang Y, **Mayer K**, Bozeman S, Judson FN, Bryant KJ, Coates TJ, and the EXPLORE Study Team. Substance Use and Sexual Risk: A Participant- and Episode-level Analysis among a Cohort of Men Who Have Sex with Men. American Journal of Epidemiology 159(10):1002-1012, 2004.
- 216. Balakrishnan P, Dunne M, Kumarasamy N, Crowe S, Subbulakshmi G, Ganesh AK, Cecelia AJ, Roth P, **Mayer KH**, Thyagarajan SP, Solomon S. An Inexpensive, Simple, and Manual Method of CD4 T-Cell Quantitation in HIV-Infected Individuals for Use in Developing Countries. <u>JAIDS</u> 36(5):1006-1010, 2004.
- 217. Lee D, Graham BS, Chiu Y-L, Gilbert PB, McElrath MJ, Belshe RB, Buckbinder SP, Sheppard HW, Koblin BA, **Mayer KH**, Keefer MC, Mulligan MJ, Celum CL. Breakthrough Infections during Phase 1 and 2 Prime-Boost HIV-1 Vaccine Trials with Canarypox Vectors (ALVAC) and Booster Dose of Recombinant gp 120 or gp 160. Journal of Infectious Diseases 190(5):903-907, 2004.
- 218. Mayer, KH, Safren SA, Gordon CM. HIV Care Providers and Prevention. JAIDS 37:S130-132, 2004.
- 219. Harro CD, Judson FN, Gorse GJ, **Mayer KH**, Kostman JR, Brown SJ, Koblin B, Marmor M, Bartholow BN, Popovic V, for the VAX004 Study Group. Recruitment and Baseline Epidemiologic Profile of Participants in the First Phase 3 HIV Vaccine Efficacy Trial. JAIDS 37(3):1385-92, 2004.
- 220. Kumarasamy N, Chaguturu S, **Mayer KH**, Solomon S, Yepthomi HT, Balakrishnan P, Flanigan TP. Incidence of Immune Reconstitution Syndrome in HIV/Tuberculosis-Coinfected Patients After Initiation of Generic Antiretroviral Therapy in India. <u>JAIDS</u> 37(5):1574-1576, 2004.
- 221. Solomon SS, Pulimi S, Rodriguez II, Chaguturu SK, Kumar SKS, **Mayer KH**, Solomon S. Dried blood spots are an acceptable and useful HIV surveillance tool in a remote developing world setting. <u>International Journal</u> of STD & AIDS 15:658-661, 2004.
- 222. Hamburger ME, Moor J, Koenig L, Vlahov D, Schoenbaum EE, Schuman P, **Mayer K** for the HIV Epidemiology Research Study Group. Persistence of Inconsistent Condom Use: Relation to Abuse History and HIV Serostatus. <u>AIDS and Behavior</u> 8(3):333-344, 2004.
- 223. Lurie MN, Akileswaran C, **Mayer KH**. Opportunities for Preventing HIV in Treatment Settings in Developing Countries. Lancet 5(2):66-68, 2005
- 224. Flynn NM, Forthal DN, Harro CD, Judson FN, Mayer KH, Para MF, Gilbert PB, Hudgens MG, Metch BJ, Self SG, Berman PW, Francis DP, Gurwith M, Heyward WL, Jobes DV, Peterson ML, Popovic V, Sinangil FM. Placebo-controlled Trial of a Recombinant Glycoprotein 120 Vaccine to Prevent HIV Infection. <u>Journal of Infectious Diseases</u> 191:654-665, 2005.
- 225. Ghanem KG, Shah N, Klein RS, **Mayer KH**, Sobel JD, Warren DL, Jamieson DJ, Duerr AC, Rompalo AM, for the HIV Epidemiology Research Study (HERS) Group. The Influence of Sex Hormones, HIV Status, and

- ،

- Concomitant Sexually Transmitted Infection on Cervicovaginal Inflammation. <u>Journal of Infectious Diseases</u> 191(3):358-366, 2005.
- 226. DeGroot, AS, Bishop EA, Khan B, Lally M, Marcon L, Franco J, **Mayer KH**, Carpenter CCJ, Martin W. Engineering Immunogenic Consensus T Helper Epitopes for a Cross-clade HIV Vaccine. <u>Science Direct Methods</u> 34:476-487, 2004 http://www.elsevier.com/locate/ymeth.
- 227. Balakrishnan PJ, Solomon S, Kumarasamy N, **Mayer KH**. Low-cost Monitoring of HIV Infected Individuals on Highly Active Antiretroviral Therapy (HAART) in Developing Countries. <u>Indian J Med Res</u> 121:345-355, 2005.
- 228. Bartholow BN, Buchbinder S, Celum C, Goli V, Koblin B, Mara M, Marmor M, Novak RM, **Mayer K**, Creticos C, Orozco-Cronin P, Popovic V, Mastro TD, for the VISION/VAX004 Study Team. HIV Sexual Risk Behavior Over 36 Months of Follow-Up in the World's First HIV Vaccine Efficacy Trial. <u>Journal of Acquired Immune Deficiency Syndromes</u> 39(1):90-101, 2005.
- 229. Buchbinder SP, Vittinghoff E, Heagerty P, Celum CL, Seage GR, Judson FN, McKirnan D, **Mayer KH**, Koblin BA. Sexual Risk, Nitrite Inhalant Use, and Lack of Circumcision Associated with HIV Seroconversion in Men Who Have Sex With Men in the United States. <u>Journal of Acquired Immune Deficiency Syndroms</u> 39(1):82-89, 2005.
- 230. Kumarasamy N, Vallabhaneni S, Flanigan TP, Balakrishnan P, Cecelia A, Carpenter CCJ, Solomon S, **Mayer**, **KH**. Rapid Viral Load Suppression Following Generic Highly Active Antiretroviral Therapy in Southern Indian HIV-infected Patients. AIDS 19(6):625-627, 2005.
- 231. Cavacini LA, Duval M, Patil A, Wood C, **Mayer KH**, Ruprecht RM, Posner MR. Dichotomy in cross-clade reactivity and neutralization by HIV-1 sera: implications for active and passive immunotherapy. <u>Journal of Medical Virology</u> 76:146-152, 2005.
- 232. Balakrishnan P, Kumarasamy N, Kantor R, Solomon S, Vidya S, **Mayer KH**, Newstein M, Thyagarajan SP, Katzenstein D, Ramratnam B. HIV-1 Genotypic Variation in an Antiretroviral Treatment Naïve Population in South India. AIDS Research and Human Retroviruses, 21(4):301-5, 2005.
- 233. Joshi S, Solomon S, **Mayer K**, Mehendale S. Preparing for Efficacy Trials of Vaginal Microbicides in Indian Women. <u>Indian Journal of Medical Research</u> 121:502-509, 2005.
- 234. Kumarasamy N, Vallabhaneni S, Flanigan TP, **Mayer KH**, Solomon S. Clinical Profile of HIV in India. <u>Indian</u> Journal of Medical Research 121:377-394, 2005.
- 235. Chin-Hong PV, Vittinghoff E, Cranston RD, Browne L, Buchbinder S, Colfax G, DaCosta M, Darragh T, Benet DJ, Judson F, Koblin B, **Mayer KH**, Palefsky JM. Age-Related Prevalence of Anal Cancer Precursors in Homosexual Men: The EXPLORE Study. Journal of the National Cancer Institute 97(12):896-905, 2005.
- 236. Quach L, **Mayer K**, McGarvey ST, Lurie MN, Do P. Knowledge, Attitudes, and Practices Among Physicians on HIV/AIDS in Quang Ninh, Vietnam. <u>AIDS Patient Care and STDs</u> 19(5):335-346, 2005.
- 237. Blackard JT, Smeaton L, Hiasa Y, Horiike N. Onji J, Jamieson DJ, Rodriguez I, **Mayer KH**, Chung RT. Detection of Hepatitis C virus (HCV) in serum and peripheral-blood mononuclear cells from HCV-monoinfected and HIV/HCV-coinfected persons. <u>Journal of Infectious Diseases</u> 192(2):258-65, 2005.
- 238. Rogers M Chatterjee, Gopalakrishnan G, Kumarasamy N, Flanigan TP, Carpenter CCJ, **Mayer KH**, Solomon S. HIV in Couples in South India; Implications for Prevention. <u>International Journal of STD & AIDS</u> 16:442-445, 2005.
- 239. Akileswaran C, Lurie MN, Flanigan TP, **Mayer KH**. Lessons Learned from Use of Highly Active Antiretroviral Therapy in Africa. Clinical Infectious Diseases 41:376-85, 2005.

• -

- 240. Merchant RC, **Mayer K**. Perspectives on New Recommendations for Nonoccupational HIV Postexposure Prophylaxis. Journal of the American Medical Association 293(10):2407-2409, 2005.
- 241. Safren SA, Kumarasamy N, James R, Raminani S, Solomon S, **Mayer KH**. ART Adherence, Demographic Variables, and CD4 Outcomes Among HIV-positive Patients on Antiretroviral Therapy in Chennai, India. <u>AIDS Care</u> 17(7):853-862, 2005.
- 242. Berg MB, Safren SA, Mimiaga MJ, Grasso C, Boswell S, **Mayer KH**. Nonadherence to Medical Appointments is associated with Increased Plasma HIV RNA and Decreased CD4 Cell Counts in a Community-based HIV Primary Care Clinic. AIDS Care 17(7):902-907, 2005.
- 243. Kumarasamy N, Safren SA, Raminani S, Pickard R, James R, Sri Krishnan AK, Solomon S, **Mayer KH**. Barriers and Facilitators to Antiretroviral Medication Adherence among Patients with HIV in Chennai, India: A Qualitative Study. AIDS Patient Care and STDs 19(8):526-537, 2005.
- 244. Sivaram S, Srikrishnan AK, Kailapuri, Murgavel G, **Mayer KH**, Anand S, Celentano DD, Solomon S. An Approach to Addressing Ethical Issues in a Community-based Risk Assessment for HIV: A Case from Chennai, India. <u>Journal of Health Population and Nutrition</u>, 23(2):165-76, 2005.
- 245. Kumarasamy N, Solomon S, Chaguturu SK, Cecelia AJ, Vallaghaneni, S, Flanigan TP, Mayer KH. The Changing Natural History of HIV Disease: Before and after the Introduction of Generic Antiretroviral Therapy in Southern India. <u>Clinical Infectious Diseases</u> 41(10):1525-8, 2005.
- 246. Xu C, Politch JA, **Mayer KN**, Anderson DJ. Human Immunodeficiency Virus type-1 episomal cDNA in semen. AIDS Research and Therapy 2:9, 2005.
- 247. Syed IH, Balakrishnan P, Solomon SS, Murugavel KG, Kumarasamy N, Vidya S, Martin SP, Thyagarajan SP, **Mayer KH**, Solomon S. HIV-1 Western Blot Assay: What Determines an Indeterminate Status? <u>Indian</u> Journal of Medical Sciences 59(10):443-450, 2005.
- 248. Sharghi N, Bosch RJ, **Mayer KH** Essex M, Seage GR. The Development and Utility of a Clinical Algorithm to Predict Early HIV-1 Infection. Journal of Acquired Immune Deficiency Syndromes 40(4):472-478, 2005.
- 249. Merchant RC, Fuerch J, Becker BM, and **Mayer KH**. Comparison of the epidemiology of human bites evaluated at three US pediatric emergency departments. Pediatric Emergency Care 21(12):833-38, 2005.
- 250. Smith J, Simmons E, **Mayer KH**. HIV/AIDS and the Black Church: What are the Barriers to Prevention Services? Journal of the National Medical Association 97(12), 2005.
- 251. Dhawan D, **Mayer KH**. Microbicides to Prevent HIV Transmission: Overcoming Obstacles to Chemical Barrier Protection (Perspective). Journal of Infectious Diseases 193:36-44, 2006.
- 252. Kumarasamy N, Vallabhaneni S, Cecelia AJ, Yepthomi T, Balakrishnan P, Saghayam S, Flanigan TP, Carpenter CCJ, Solomon S, **Mayer** KH. Reasons for Modification of Generic Highly Active Antiretroviral Therapeutic Regimens among Patients in Southern India. <u>Journal of Acquired Immune Deficiency Syndromes</u> 41(1):53-58, 2006.
- 253. **Mayer KH**, Maslankowski LA, Gai F, El-Sadr WM, Justman J, Kwiecien A, Masse B, Eshleman SH, Hendrix C, Morrow K, Rooney JF, Soto-Torres L and the HPTN 050 Protocol Team. Safety and Tolerability of Tenofovir Vaginal Gel in Abstinent and Sexually Active HIV-uninfected and Infected Women. <u>AIDS</u> 20:543-551, 2006.
- 254. Koblin BA, Hasnuk MJ, Colfax G, Huang Y, Madison M, **Mayer K**, Barresi PJ, Coates TJ, Chesney MA, Buckbinder S. Risk factors for HIV infection among men who have sex with men. AIDS 20:731-739, 2006.

٠.

- 255. Mimiaga MJ, Safren SA, Benet DJ, Manseau MW, DeSousa N, **Mayer KH**. MSM in HIV-Prevention Trials are Sexual Partners with Each Other: An Ancillary Study to the EXPLORE Study. <u>AIDS and Behavior</u> 10(1):27-34, 2006.
- 256. El-Sadr W, Mayer KH, Maslankowski L, Hoesley C, Justman J, Gai F, Mauck C, Absalon J, Morrow K, Masse B, Soto-Torres L, Kwiecien A, for the HIV Prevention Trials Newwork (HPTN) 049 Protocol Team. Safety and Acceptability of Cellulose Sulfate as a Vaginal Microbicide in HIV-infected Women. <u>AIDS</u> 20(8):1109-1116, 2006.

CHAPTERS AND OTHER PUBLICATIONS

- 1. **Mayer KH**, Pizer HP. <u>The AIDS Fact Book</u>, Bantam Press, 144 pages, New York, 1983 (2 English printings; translated into French, German, Portuguese, Dutch, Greek and Japanese).
- 2. **Mayer KH**, Hopkins JD, Chao L, Bobey DG, Guzman MA, O'Brien TF. Molecular epidemiology of changes in aminoglycoside resistance among enterobacteriaceae in one center 1976-82. <u>Current Chemotherapy in Infectious Disease</u>, ASM-Vienna, 1983.
- 3. O'Brien TF, **Mayer KH**. A scheme for selecting an antibiotic. <u>Current Therapy in Infectious Disease</u>, Kass EH and Platt R, (eds.) Brian Decker Inc., pp 277-282, 1983.
- 4. **Mayer KH**. Inhala tion-induced immunosuppression: sniffing out the volatile nitrite-AIDS connection. (Editorial) Pharmacotherapy, 4:235-236, 1984.
- 5. **Mayer KH**, Hopkins JD, Gilleece ES, Chao L, O'Brien TF. Computer assisted correlations between antibiotypes of clinical isolates and the endonuclease restriction fragment types of their plasmids. In: Mitsuhashi S, Rosival L, and Krcmery V (eds.) <u>Transferrable Antibiotic Resistance: Plasmids and Gene Manipulation</u>. Czechoslovak Medical Press, Prague and Springer-Verlag, Heidelberg 163-169, 1984.
- 6. O'Brien TF, **Mayer KH**. A scheme for selecting an antibiotic. In: Bayless TM, Brain MC, and Cherniak RM (eds.) <u>Current Therapy in Internal Medicine</u> 1984-1985. Brian Decker Inc., pp. 244-249, 1984.
- 7. White RE, **Mayer KH**. Cost of antibiotic prophylaxis after penetrating abdominal trauma. (Letter) <u>New</u> England Journal of Medicine 312(9): 589-590, 1985.
- 8. **Mayer KH**. Sexually transmitted diseases. Holmes KK, et al. (Book review) New England Journal of Medicine 312:796, 1985.
- 9. Zinner SH, **Mayer KH**. Sulfonamides and Trimethoprim. In: Mandell G, Douglas RG, and Bennett JE (eds.), Anti-Infective Therapy, pp. 235-254, 1st Ed., John Wiley and Sons, New York, 1985.
- 10. **Mayer KH**, Pla MP, Hopkins J, O'Brien T. The epidemiologic tracking of a distinctive aminoglycoside resistance plasmid, pLST1000. <u>Alliance for the Prudent Use of Antibiotics (APUA) Newsletter</u>, 4(3):2-3, 1985.
- 11. **Mayer KH** (author). Future directions for AIDS Research; Report to Congress from the Ad Hoc Consultants to the NIH AIDS Executive Committee, 31 pp., 11/86.
- 12. **Mayer KH**, Zinner SH. Infection associated with hematologic malignancies. In: Kass EH and Platt R (eds.) Current Therapy in Infectious Disease, Volume II, Brian Decker Inc., pp. 82-86, 1986.
- 13. **Mayer KH**. Sexually transmitted diseases: A clinical syndrome approach, Spagna VA and Prior RB (eds.); Infectious diseases of the female genital tract, Sweet RL and Gibbs RS (eds.), Book reviews, New England Journal of Medicine 314:258-259, 1986.
- 14. Weitberg AB, **Mayer KH**, Miller M, Mikolich D. Dysplastic carcinoid tumor in an HTLV-III antibody positive woman. New England Journal of Medicine (letter) 314:1455, 1986.

10

- 15. **Mayer KH**. HTLV-III screening and the blood supply: Public health policies and concerns. In: Witt MD (ed.), <u>AIDS: Legal, Social and Ethical Considerations</u>, National Health Publishing, Owings Mills, MD, pp. 135-139, 1986.
- 16. O'Brien TF, **Mayer KH**, Hopkins JD. Global surveillance of the deployment of antibiotic resistance genes and plasmids. In: <u>Banbury Report 24: Antibiotic Resistance Genes: Ecology, Transfer, and Expression</u>, Cold Spring Harbor Laboratory Press pp. 3-15, 1986.
- 17. O'Brien TF, **Mayer KH**. Antibiotic selection, In: Callaham ML (ed.): <u>Current Therapy in Emergency</u> Medicine, BC Decker, Inc., Toronto, pp. 777-781, 1987.
- 18. Ostrow DG, Solomon SL, **Mayer KH**, Haverkos H. Classification of the clinical spectrum of HIV infection in adults. AIDS: The American Medical Association's Monographs on AIDS, Chicago, IL, 1987.
- 19. **Mayer KH**. Introduction to: <u>The Condom Book: The Essential Guide for Men and Women,</u> J Everett and WD Glanze (eds.), Signet Books, New York, 1987.
- 20. **Mayer KH**, DeGruttola V. Human Immunodeficiency Virus and oral intercourse. <u>Annals of Internal Medicine</u> (letter) 107:428-429, 1987.
- 21. **Mayer KH**. Testing for HTLV-III and AIDS risk reduction: clinical and epidemiological quandaries. In: Ostrow D (ed.) Biobehavioral Approaches to the Control of AIDS, Irvington Press, NYC pp. 13-18, 1987.
- 22. Mayer KH. The epidemiology of AIDS and HIV infection. Pulmonary and Critical Care Update 3:3-8, 1987.
- 23. Cleary PD, Barry MJ, **Mayer KH**, Brandt AM, Gostin L, Fineberg H. Compulsory premarital screening for the Human Immunodeficiency Virus: Clarification of some key assumptions (letter). <u>Journal of the American Medical Association</u> 258:1757-1762, 1987.
- 24. **Mayer KH**. HIV Core Antigen Testing May Lead to Better Therapy. <u>The Brown University STD Update</u> 1(4), 1988.
- 25. Carpenter CJ, **Mayer KH**. Advances in AIDS and HIV infection, In: Stoellerman G (ed.), <u>Advances in Internal Medicine</u> 33:45-80, 1988.
- 26. Stoddard, McCusker J, Zorn M, **Mayer KH**. Multivariate models for sexual behavior change. <u>Biometric Bulletin</u> 5(3):15, 1988.
- 27. Medeiros AA, Mayer KH, Opal SM. Plasmid-mediated beta lactamases. The Antimicrobic Newsletter, 1988.
- 28. **Mayer KH**. Public policy implications of the natural history of HIV infection. In: Kulstad R (ed.): <u>AIDS 1988</u>: <u>AAAS Symposia Papers</u>, American Academy for the Advancement of Science, Washington D.C., pp 129-146, 1988.
- 29. Friedman-Kien AE, **Mayer KH**. An overview of the Acquired Immune Deficiency Syndrome. In: Friedman-Kien AE (ed.): Color Atlas of AIDS, W.B. Saunders, Philadelphia, pp. 1-10, 1989.
- 30. **Mayer KH**, Opal SM. Opportunistic infections in patients with HIV infection, In: Friedman-Kien AE (ed.), Color Atlas of AIDS, W.B. Saunders, Philadelphia, pp. 125-150, 1989.
- 31. **Mayer KH**. Getting out of the AIDS maze (op-ed), <u>Boston Globe</u> 12/27/89; revised and printed as: AIDS Czar could be start toward coherent policy, <u>Atlanta Journal and Constitution</u>, 1/29/89; also used by Caspar (Wyoming) Star-Tribune, St. Louis Post-Dispatch, and New Haven Register.
- 32. DeBuono BA, Scott HD, LaFazia L, DiMatteo M, Mayer KH. Counseling and antibody testing to prevent HIV infection. Journal of the American Medical Association (letter) 261:2501-2502, 1989.

10

- 33. Carpenter CCJ, Lederman M, **Mayer KH**, Ellner G. The acquired immune deficiency syndrome and other HIV-related disorders, In: Andreoli TE, Carpenter CCJ, Plum F, and Smith LH (eds), <u>Cecil Essentials of Medicine</u> (2nd Edition) W. B. Saunders Co, Orlando, FL, pp. 620-626, 1989.
- 34. Ruef C, et al (29 co-authors including **K Mayer**). Update. HIV-2 infection-United States. <u>Morbidity and Mortality Weekly Reports</u>, 38:572-580, 1989.
- 35. McCusker J, Koblin BA, Lewis BF, **Mayer KH**, Moon MW, Morrison C, Stoddard AM, Sullivan J, Saltzman SP, Zapka J, Zorn M. University of Massachusetts AIDS Research Unit (UMARU): Research on public health aspects of AIDS, particularly epidemiological and behavioral approaches to AIDS prevention in AIDS 88-89: News and Views on AIDS Research and Control 270-272, 1989.
- 36. DeBuono B, **Mayer KH**, Opal SM. Infectious Diseases. In: <u>A Guide to Health Care in Rhode Island</u>, Anagnostou A (ed.), Brown University Learning Community, Providence, RI, pp. 55-59, 1989.
- 37. **Mayer KH**, Opal SM, Medeiros AA. Mechanisms of antibiotic resistance, In: Mandell G, Douglas RG, Bennett JE (eds.): <u>Principles and Practice of Infectious Diseases</u>, John Wiley and Sons, New York, pp. 218-228, 1990.
- 38. Zinner SH, **Mayer KH**. Sulfonamides and Trimethoprim. In: Mandell G, Douglas RG, and Bennett JE (eds.), Principles and Practice of Infectious Diseases, pp 237-244, 2nd Ed., John Wiley Sons, New York, 1984; 3rd edition, pp 324-335, 1990.
- 39. Zinner SH, **Mayer KH**. Antibacterial chemotherapy, In: Kass EH and Platt R (eds), <u>Current Therapy in Infectious Diseases</u>, BC Decker, Inc., Toronto, pp. 6-12, 1990.
- 40. Opal SM, **Mayer KH**, Medeiros AA. Antimicrobial resistance problems in antimicrobial therapy, In: Samiy AH, Cunha BA (eds.), Textbook of Therapeutic Medicine, Lea and Febiger (in press).
- 41. Anderson DJ, Wolff H, Pudney J, Wenhao Z, Martinez A, **Mayer KH**. Presence of HIV in semen, In: Alexander N (ed), <u>Heterosexual Transmission of HIV</u>, Proceedings of the Second Contraceptive Research Development Program International Workshop, Medical College of Hampton Roads, Norfolk, V), pp. 167-180, 1990.
- 42. **Mayer KH**. Physician's notebook, In: <u>AIDS/HIV Experimental Treatment</u> <u>Directory</u>, Vol. 3, No. 4, Speer M (ed), American Foundation for AIDS Research, New York, NY, pp. 46-50, 1990.
- 43. **Mayer KH**. The natural history of HIV infection and current infection control strategies, In: <u>AIDS and the Health Care System L Gostin</u> (ed.), Yale University Press, New Haven, pp. 21-31, 1990.
- 44. **Mayer KH**, DeBuono B. AIDS and physicians in Rhode Island: Resources and responsibilities (editorial) Rhode Island Medical Journal 73: 279-280, 1990.
- 45. Cleary PD, Brandt AM, Gostin L, Chittenden E, **Mayer KH**. Pharmacy education about HIV and condoms (letter), American Journal of Public Health 80:1395, 1990.
- 46. Biggar RJ and the International Registry of Seroconverters (**KH Mayer**, collaborator): AIDS incubation in 1891 seroconverters from different exposure groups. AIDS 4:1059-1066, 1990.
- 47. Piette J, Stein M, Mor V, Fleishman J, **Mayer KH**, Wachtel T, Carpenter C. Patterns of secondary prophylaxis with aerosol pentamidine among persons with AIDS. Journal of AIDS (Letter) 4:826-828, 1991.
- 48. **Mayer KH**. Misunderstanding or misogyny: Women and AIDS (op-ed piece). Run in <u>Chicago Tribune</u>, Roanoke Times and World News (VA), Anchorage Times (AK), and Star-Tribune (WY), 1991.

- 49. Durack DT, Oleske Jm, **Mayer KH** (eds). Diagnostic polymerase chain reaction (PCR): Applications in adult neonatal HIV infection (monograph) Roche Biomedical Labs, Cetus, Inc., Research Triangle Park, NC, 31 pp., 1991.
- 50. Zinner SH, **Mayer KH**. Antibacterial therapy. In: Callaham ML (ed.) <u>Current Practice of Emergency</u> Medicine, B.C. Decker, Philadelphia, PA, 914-919, 1991.
- 51. **Mayer KH**. Infectious complications of patients with AIDS. <u>Rehabilitation for Patients with HIV Disease</u>, Mukand J (ed), McGraw Hill, New York, pp. 33-53, 1991.
- 52. Mayer KH, Carpenter CCJ. Women and AIDS (essay), Scientific American March 1992.
- 53. Pudney J, Oneta M, **Mayer KH**, Seage G, Anderson D. Pre-ejaculatory fluid as a potential vector for sexual transmission of HIV-1 (Letter), Lancet 340:1470, 1992.
- 54. **Mayer KH**, DeBuono B. AIDS in the 90's: Increasing clinical challenges and constructive responses (editorial) Rhode Island Medicine 76: 445-446, 1993.
- 55. Mor V, Stein M, Carpenter C, **Mayer KH**. A Tale of Two Health Care Delivery Systems, In: <u>Networking AIDS Services: Promises and Problems of Consortium Building</u>, V Mor (ed.), Health Administration Press, Ann Arbor, Michigan, 1994 and reprinted in AIDS and Health Services Administration Symposium, <u>Journal of Health and Human Resources Administration</u>, 1994.
- 56. **Mayer KH.** Therapists on the front line: Psychotherapy with gay men in the age of AIDS by SA Cadwell, RA Burnham, and M Forstein (eds), (Book Review), New England Journal of Medicine 331:619-620, 1994.
- 57. Gostin LO, Lazzarini A, Alexander D, Brandt A, **Mayer KH**, Silverman DC. HIV Testing, Counseling and Prophylaxis After Sexual Assault (letter). <u>Journal of the American Medical Association</u> 272(20):1577-1578, 1994.
- 58. **Mayer KH**, Carpenter CCJ. Women and HIV/AIDS. In: HM Wallace, R Nelson, PJ Sweeney (eds.): Maternal and Child Health Practices (4th edition), Third Party Publishing, Oakland, CA, pp. 385-396, 1994.
- 59. **Mayer KH**, Anderson DJ. Heterosexual transmission of HIV. In: H Minkoff, A Duerr, and J DeHovitz (eds), Women and AIDS, Raven Press, New York, pp. 73-86, 1995.
- 60. **Mayer KH**, Baquero F. Biology and pharmacology of the newer macrolides. Poster Rapporteurrs' Summaries, New Macrolides, Azalides and Streptogamins in Clinical Practice, H Neu, L Young, S Zinner, J Acar (eds.), Marcel Dekker, Inc., New York, pp. 167-175, 1995.
- 61. **Mayer KH.** Sulfonamides and trimethoprim. In: Andriole VT (ed.) <u>Current Medicine</u>, 4th Edition, John Wiley Sons, New York, pp. 164-168, 1995.
- 62. **Mayer KH.** Editorial: Challenges and opportunities posed by multidrug management of HIV, KH Mayer (Ed), Opportunistic Complications of HIV, 4(3):39, 1995.
- 63. **Mayer KH.** Sulfonamides and trimethoprim. In: VT Andriole (ed.): <u>Current Medicine</u> (Current Infectious Disease Drugs) (1st Edition), Princeton Academic Press, Inc., Philadelphia, PA, pp. 164-168, 1996.
- 64. Tack MA, **Mayer KH**. Opportunistic infections in AIDS patients. In: BC Golematis and VT DeVita Jr (Eds), AIDS and Malignancies: Current Concepts and Perspectives, John Wiley Sons Ltd., pp. 243-267, 1996.
- 65. **Mayer KH**, McCutchan JA. The newer macrolides, azalides, and streptogramins for the management of HIV-associated opportunistic infections. In: SH Zinner, LS Young, JF Acar, and HC Neu (Eds) <u>Expanding</u> Indications for the Newer Macrolides, Azalides, and Streptogramins, Marcel Dekker, Inc., pp. 257-265, 1997
- 66. **Mayer KH**, Opal SM. Opportunistic infections in patients with HIV infection, In: Friedman-Kien AE (ed.), Color Atlas of AIDS, W.B. Saunders, Philadelphia, PA.

- 67. **Mayer KH**. Sexually transmitted disease in Rhode Island: A panoply of familiar as well as previously unrecognized challenges (editorial) Medicine Health Rhode Island 80(10):314-315, 1997.
- 68. **Mayer, KH**, (Guest Editor of entire issue) Sexually Transmitted Diseases in Rhode Island. <u>Medicine Health</u> Rhode Island 80(10), 1997.
- 69. Rich JD, Nizam R, Das K, Islam S, Akhtar N, Dickinson BP, Flanigan TP, **Mayer KH**, Carpenter CCJ. HIV and syphilis prevalence in Chittagong Bangladesh (letter), AIDS 11:703-704, 1997.
- 70. **Mayer KH**. The medical management of AIDS in women (book review). New England Journal of Medicine 336:1333,1997.
- 71. Farrar DJ, Cu-Uvin S, Caliendo AM, Costello SF, Murphy DM, Flanigan TP, **Mayer KH**, Carpenter CCJ. Detection of HIV-1 RNA in vaginal secretions of HIV-1 seropositive women who have undergone hysterectomy (letter). <u>AIDS</u> 11:1296-1297, 1997.
- 72. Schechtel J, Coates T, **Mayer KH**, Makadon H. HIV risk assessment, physician and patient communication (editorial). <u>Journal of General Internal Medicine</u> 12(11):722-723, 1997.
- 73. Rich JD, Chin-Hong PV, Busi KA, **Mayer KH**, Flanigan TP. Hepatitis C and HIV in male prisoners (letter). <u>Journal of Acquired Immunodeficiency Syndromes & Human Retrovirology</u> 16(5):408-409, 1997.
- 74. **Mayer KH**. Sexually transmitted diseases in Rhode Island: a panoply of familiar as well as previously unrecognized challenges (editorial). Med Health RI 80(10):314-5, 1997.
- 75. **Mayer KH**. From Synapse to Psyche: Continuum of Neurocognitive and Psychosocial Care for HIV-Infected people (editorial). <u>Insights in HIV Disease Management.</u> Meniscus Health Care Communications 6:21-22, 1998.
- 76. Cu-Uvin S, Caliendo AM, Reinert SE, **Mayer KH**, Flanigan TP, Carpenter CCJ. HIV-1 in the female genital tract and the effect of antiretroviral therapy. (letter). <u>AIDS</u> 12:1296-1297, 1998.
- 77. Harlow LL, Rose JS, Morokoff PJ, Quina K, **Mayer KH**, Mitchell K, Schnoll R: Women HIV Sexual Risk Takers: Related Behaviors Interpersonal Issues and Attitudes (review). Women's Behavior Health: Research on Gender Behavior & Policy 4:407-439, 1998.
- 78. **Mayer KH**, Risks Of Human Immunodeficiency Virus Transmission From Artificial Insemination From An Infected Donor (letter). Pediatric Infectious Disease; 18(3):310-311, 1999
- 79. Williams S, Flanigan T, Artenstein AW, VanCott C, Smith D, **Mayer KH**, Koup, R. CCR5 Genotype and Human Immunodeficiency Virus (HIV)-Specific Mucosal Antibody in Seronegative Women at High Risk for HIV Infection. (letter). Journal of Infectious Disease 179:1310-1311, 1999.
- 80. **Mayer KH**. Combination Antiretroviral Chemotherapy; Psychosocial and Public Health Impacts of New HIV Therapies 1-31, 1999.
- 81. Opal SM, **Mayer KH**, Medeiros AA. Mechanisms of Bacterial Antibiotic Resistance: <u>Principles and Practice</u> of Infectious Diseases 236-253, 2000.
- 82. Zinner SH, **Mayer KH**. Sulfonamides and Trimethoprim: <u>Principles and Practice of Infectious Diseases</u>: Mandell GL, Bennett JE, Dolin R (eds), 5th Edition, Churchill-Livingston, Philadelphia,PA, pp. 394-404, 2000.
- 83. **Mayer KH,** Clumeck N. Use of the Newer Macrolide, Azalide, Streptogramin, and Ketolide Antibiotics for Mycobacterial and Other HIV-Related Diseases: New Considerations for Macrolides, Azalides, Streptogramins, and Ketolides: Zinner SH, Young LS, Acar JF, Ortiz-Neu C (eds), Marcel Dekker, Inc, New York pp. 393-403, 2000.

- 84. **Mayer, KH**. Clinical Infectious Diseases and the Evolving Human Immunodeficiency Virus Epidemic. (editorial). Clinical Infectious Diseases; 31:1-2, 2000.
- 85. **Mayer, KH** (guest editor). <u>Infectious Disease Clinics of North America, HIV/AIDS 2000</u>, W.B. Saunders Company, Philadelphia; 14(4); pp1-1032, 2000.
- 86. **Mayer, KH** and Pizer HF (editors). <u>The Emergence of AIDS, The Impact on Immunology, Microbiology and Public Health, American Public Health Association, Washington, D.C.; pp 1-260, 2000.</u>
- 87. Mayer, KH. Microbicides 2001: The Search for HIV Protection, AIDS Clinical Care 13:23-25, 2001.
- 88. Flanigan TP, Carpenter CCJ, **Mayer KH**. Public Must Press Drug Firms to Help HIV-infected Africans Now. (editorial) <u>The Providence Journal</u>, March 30, 2001.
- 89. **Mayer KH**, Klausner JD, Handsfield HH. Intersecting epidemics and educable moments: sexually transmitted disease risk assessment and screening in men who have sex with men. (editorial) <u>Sexually Transmitted Diseases</u>, 28(8):464-7, 2001.
- 90. Gross M, Mayer K, Roehr B. Creating a research and development agenda for rectal microbicides that protect against HIV infection. Creating a Research and Development Agenda for Rectal Microbicides That Protect Against HIV Infection. Amfar, New York, NY 2001, 3-4.
- 91. Gandhi NR, **Mayer K**, Patel A, Patel DA, Sridhar S. HIV screening in active tuberculosis patients in rural Gujurat, India (letter to the Editor). <u>International Journal of STD & AIDS</u>,12:415-416, 2001.
- 92. Merchant RC, Mayer KH, Rich JD: Prophylactic panic. AIDS Clinical Care 14(6):55, 2002.
- 93. **Mayer, KH** (ed). Current Topics in HIV Medicine: Using Basic Science to Inform Best Clinical Practices (monograph, 183 pages). Introduction: The Evolution of Clinical HIV Medicine, pp1-3, HIV Medicine Association, The Infectious Diseases Society of America, 2002.
- 94. **Mayer KH**, Cohen DE. Primary Care: Daily Management of HIV-Infected Patients in Dolin R, Masur H, Saag MS, AIDS Therapy. Elseivier Science, St. Louis, MO, 2nd edition 2003, 706-719.
- 95. **Mayer, KH**. Transmission (chapter section), Transmission, Pathogenesis, and Natural History, in Howard Libman, Harvey Makadon (eds), HIV. American College of Physicians, Philadelphia, PA, 2nd edition, 2003.
- 96. **Mayer, K**. The Real Global Threat (review of film "Pandemic: Facing AIDS"), <u>Brown Alumni Magazine</u>, May/June 2003, 54-55.
- 97. Mayer, KH. Invest now to fight AIDS in Africa (editorial), The Boston Phoenix, August 29, 2003, 7.
- 98. **Mayer, KH**. Transmission (chapter section), Transmission, Pathogenesis, and Natural History, in Libman H, Makadon HJ, eds. <u>HIV</u>, first Indian edition. American College of Physicians, Philadelphia, 2003.
- 99. **Mayer, Kenneth H**. (editor). Clinical Issues in HIV Medicine: Recent Advances and Challenges The Evolution of Care in a Changing Epidemic (181 pages). Introduction: The Evolution of Care in a Changing Epidemic, pp 1-3, The Infectious Diseases Society of America, 2003.
- 100. Mayer, K (editorial) AIDS surges in India. The Providence Journal, December 17, 2004.
- 101. **Mayer, K.H.**, & Safren, S.A (chapter). Prevention of HIV transmission through behavioral change and sexual means. In Cohen J, Powderly WG (editors). Infectious Diseases (2nd Edition). Edinburgh: Mosby. 2004, 1209-1215.
- 102. Blackard JT, **Mayer KH** (commentary). HIV Superinfection in the Era of Increased Sexual Risk-Taking, Sexually Transmited Diseases, 31(4):201-204, 2004.

- 103. Saghayam S, Chaguturu SK, Kimarasamy N, Solomon S, **Mayer KH**, Wanke C. (letter). Lipoatrophy is the Predominant Presentation of HIV-Associated Lipodystrophy in Southern India. <u>Clinical Infectious Diseases</u>, 38(1):1646-49, 2004.
- 104. **Mayer, Kenneth H**. (editor). Clinical Issues in HIV Medicine (217 pages). Introduction: Beyond Bangkok, Clinical Infectious Diseases 2004 1:1-2. The Infectious Diseases Society of America, 2004.
- 105. **Mayer KH**, Pizer HF (editors). The AIDS Pandemic: Impact on Science and Society, 340 pages. Elsevier, December 2004.
- 106. Mayer, K (editorial). AIDS surges in India. The Providence Journal, December 17, 2004.
- 107. **Mayer KH** (panel member) Special CME Monograph, "The Impact of Viral Load and Hemoglobin on Survival in Patients with HIV." University of Alabama School of Medicine/Ortho Biotech Products, January 2005.
- 108. Justice AC, Keruly JC, **Mayer KH**, Moore RD, Volberding PA (faculty), "The Impact of Viral Load and Hemoglobin on Survival in Patients with HIV," University of Alabama School of Medicine and Ortho Biotech. R & R Healthcare Communications, January 2005.
- 109. **Mayer, KH** (editor). Clinical Issues in HIV Medicine (200 pages). Introduction: The Evolving Impact of AIDS on Global Health, <u>Clinical Infectious Diseases</u> 2005 104:1-2. The Infectious Diseases Society of America, 2005.
- 110. Kumarasamy K, Vallabhaneni S, Cecelia AJ, **Mayer KH**, Solomon S, Carpenter CCJ, Flanigan TP. Safe Discontinuation of Primary Pneumocystis Prophylaxis in Southern Indian HIV-Infected Patients on Highly Active Antiretroviral Therapy (letter to the Editor). <u>Journal of Acquired Immune Deficiency Syndromes</u> 40(3):377-378, 2005.
- 111. Uma S, Balakrishnan P, Murugavel KG, Srikrishnan AK, Kumarasamy N, Cecelia JAS, **Mayer KH**, Celentano D, Thyagarajan SP, Solomon S. Bacterial Vaginosis in Female Sex Workers in Chennai, India (letter). Sexual Health 2(4):261-262, 2005.
- 112. Ratelle S, **Mayer K**, Goldhammer H, Mimiaga M, Coury-Doniger P. <u>Prevention and Management of Sexually Transmitted Diseases in Men who Have Sex with men: A Toolkit for Clinicians</u> (1st ed.) Boston, MA: Massachusetts Department of Public Health; 2005.
- 113. **Mayer, KH**. Speed bumps: concerns about methamphetamine and other club drug use among men who have sex with men. The Brown University Digest of Addiction Theory and Application 25(3):8, 2006.
- 114. **Mayer KH**, Chaguturu S (editorial commentary). Penalizing Success: Is Comprehensive HIV Care Sustainable? Clinical Infectious Diseases 42:1011-1013.
- 115. **Mayer KH**, HIV Prevention: Diverse Populations, Diverse Challenges, <u>Advanced Studies in Medicine</u>, Johns Hopkins University School of Medicine, 3(3A):S113-122, 2006.
- 116. **Mayer KH,** Supporting Clinical Research: A Unique Catalyst—The Remarkable Legacy of Dr. Mathilde Krim, AIDS Patient Care & STDs 29(7) (in press).

ABSTRACTS

1. **Mayer KH**, Hopkins JD, Gilleece ES, O'Brien TF: Acquisition of an endemic antibiotic resistance plasmid by a new epidemic strain of <u>Enterobacter cloacae</u>. American Federation for Clinical Research, National Meeting, Washington, D.C. May, 1982. (<u>Clinical Research</u> 80:374, 1982)

~ 4

- 2. **Mayer KH**, Hopkins JD, Gilleece ES, O'Brien TF: Silver resistance in nosocomially prevalent enterobacteriaceae. Abstract of the Proceedings of the XIIIth International Congress of Microbiology, Boston, MA, 1982.
- 3. **Mayer KH**, Hopkins JD, Chao L, O'Brien TF: Molecular epidemiology of an endemic <u>E. coli</u> antibiotic resistance plasmid. American Society of Microbiology National Meetings, New Orleans, 1983.
- 4. **Mayer KH**, Hopkins JD, Gilleece ES, O'Brien TF: Molecular epidemiology of an aminoglycoside resistance plasmid in one hospital. American Society of Microbiology National Meetings, New Orleans, 1983.
- 5. **Mayer KH**, Hopkins JD, O'Brien TF: Characterization of two different conjugative plasmids carrying the 6' aminoglycoside acetylating enzyme AAC-6'-I in one hospital. 21st Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Microbiology, Las Vegas, October 1983.
- 6. **Mayer KH**, Hopkins JD, Fling M, O'Brien TF: Molecular analysis of trimethoprim resistance determinants in <u>E. coli</u> at one center. 21st Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Microbiology, Las Vegas, October 1983.
- 7. **Mayer KH**, Pla MP, Hopkins JD, Gilleece ES, O'Brien TF: Molecular epidemiology of a widely disseminated gentamicin resistance plasmid: Analysis by restriction endonuclease fingerprinting. <u>Clinical Research</u> 32:375, 1984.
- 8. **Mayer KH**, Ayotte D, Groopman J, Finberg R, Hanson E, Van Neil A, Sliski A, Sarngadharan M, Gallo R: Clinical and laboratory findings in homosexual males with generalized lymphadenopathy (GL) as AIDS risk factors. Abstract of the 22nd Interscience Conference on Anti- microbial Agents and Chemotherapy, American Society for Microbiology, Washington, October 1984.
- 9. **Mayer KH**, Roland F: Susceptibilities of nosocomial aminoglycoside- resistant acinetobacter to 12 newer antibiotics alone and in combination. 22nd Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Microbiology, Washington, October 1984.
- 10. **Mayer KH,** Pla MP, Hopkins JD, Gilleece ES, Kishi H, O'Brien TF: Detection of a stable widespread gentamicin resistance plasmid by restriction endonuclease fingerprinting. 22nd Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Microbiology, Washington, October 1984.
- 11. **Mayer KH**, Ayotte D, Stoddard AM, Groopman JE: Sexual practices and other lifestyle variables associated with HTLV-III seropositivity in homosexual men with and without generalized lymphadenopathy. Abstract of the First International Conference on AIDS, Atlanta, GA, April 17, 1985.
- 12. **Mayer KH**, Ayotte D, Allan JD, Groopman JE: Clinical characteristics of a cohort of gay men with generalized lymphadenopathy in Boston. Abstract of the First International Conference on AIDS, Atlanta, GA, April 17, 1985.
- 13. Rodriguez A, Vincente MV, Olay T, **Mayer KH**: In vitro activity of fosfomycin alone and in combination against methicillin-resistant staphylococci. XIV International Congress of Chemotherapy, Kyoto, Japan, June 1985.
- 14. **Mayer KH**, Ellal JA: Ciprofloxacin and enoxacin activity versus nalidixic acid, aminoglycoside-resistant gram negative isolates alone and with amikacin or newer beta lactams. XIV International Congress of Chemotherapy, Kyoto, Japan, June 1985.
- 15. Olay T, Vicente MV, Rodriguez A, **Mayer KH**: Susceptibility of Methicillin-resistant (MR) staphylococci to fosfomycin alone and in combination. 23rd Interscience Conference on Anti-microbial Agents and Chemotherapy, American Society for Microbiology, Minneapolis, September 1985.

- 16. McCusker J, Stoddard AM, Mayer KH, Ayotte D, Groopman J: Social and behavioral factors associated with HTLV-III antibody in homosexual men at a community health center in Boston. 113th Annual Meeting of the American Public Health Association, Washington D.C., November 17-21, 1985.
- 17. **Mayer KH**, Ellal JA: Elimination of aminoglycoside resistance plasmids from enterobacteriaceae and transconjugants by Ciprofloxacin (C). American Society for Microbiology Annual Meeting. Washington, D.C. March 23-28, 1986.
- 18. Groopman JE, **Mayer KH**, Zipoli T, Wallach S, Fallon B, Clark J: Unusual neoplasms associated with HTLV-III infection. American Society for Clinical Oncology, Los Angeles, CA, May 4-6, 1986.
- 19. **Mayer KH**, Paul DA, Dawson GJ, Stoddard AE, McCusker J, Groopman JE: Clinical findings and HTLV-III antigen, antibodies and cultures in a cohort of asymptomatic homosexual males. <u>Clinical Research</u> 34:525, 1986.
- 20. **Mayer KH**, Falk LA, Paul DA, Dawson GJ, Ferianni R, Groopman JE: HTLV-III antigen (Ag), recombinant p24 and p41 antibody (Ab) titres and clinical status among homosexual males in Boston. II International Conference on AIDS, Paris, France, June 23-25, 1986.
- 21. **Mayer KH**, McCusker J, Stoddard AM, Saltzman SP, Moon MW, Groopman JE: Natural history of HTLV-III/LAV infection in asymptomatic male homosexuals in Boston. II International Conference on AIDS, Paris, France, June 23-25, 1986.
- 22. Saltzman SP, Stoddard AM, McCusker J, Moon MW, **Mayer KH**: Reliability of self-reported sexual behavior in a cohort of male homosexuals. II International Conference on AIDS, Paris, France, June 23-25, 1986.
- 23. Stoddard AM, McCusker J, **Mayer KH**, Groopman JE: Principal components analysis to investigate associations between specific sexual practices and HTLV-III antibody status. II International Conference on AIDS, Paris, France, June 23-25, 1986.
- 24. McCusker J, Stoddard A, Mayer KH, Cowan D, Groopman J: Logistic regression modeling of previous and current sexual behavior and HTLV-III/LAV antibody status among asymptomatic homosexual men. II International Conference on AIDS, Paris, France, June 23-25, 1986.
- 25. Keenlyside RA, Yankee R, Johnson A, Lafazia L, Fisher A, **Mayer KH**: HTLV-III/LAV antibodies detected among blood donors and persons attending an alternative testing site in Rhode Island: Implications for a control strategy in a low incidence area for AIDS. II International Conference on AIDS, Paris, France, June 23-25, 1986.
- Seage G, Hardy A, Barry MA, Groopman J, Mayer KH, Lamb G: Infection and subsequent transmission of LAV/HTLV-III in sexual partners of homosexual men. II International Conference on AIDS, Paris, France, June 23-25, 1986.
- 27. **Mayer KH**, Ellal JA: Interactions of Ciprofloxacin and Mezlocillin against aminoglycoside-resistant enterobacteriaceae in relation to plasmid curing effects. International Symposium on New Quinolones, Geneva, Switzerland, July 17-19, 1986.
- 28. **Mayer KH**, Ellal JA: Elimination of aminoglycoside resistance from enterobacteriaceae and transconjugants by Ciprofloxacin. IXth International Congress of Infectious and Parasitic Diseases, Munich, Germany, July 20-26, 1986.
- 29. Dudley MN, Blaser J, Kuepker MJ, **Mayer KH**, Zinner SH: Bactericidal activity of Ciprofloxacin or amikacin, combined with azlocillin susceptible or resistant <u>Pseudomonas aeruginosa</u> in an <u>in vitro</u> Kinetic model. IXth International Congress of Infectious and Parasitic Diseases, Munich, Germany, July 20-26, 1986.

- Mandler HN, Dudley MN, Mayer KH, Zinner SH: Serum bactericidal activity of Ciprofloxacin in normal volunteers following single, rising intravenous doses. American College of Clinical Pharmacy Annual Meeting, Chicago IL, July 28-31, 1986.
- 31. Opal SM, Lyhte LW, Boyce JM, **Mayer KH**, Medeiros AA: Modification of the expression of beta lactim resistance in a methicillin-resistant <u>S. aureus</u> strain by a beta-lactamase plasmid. American Society for Microbiology Northeast Regional Meeting, Lake George, N Y, September 26-28, 1986.
- 32. Dudley M, Blaser J, Kuepker M, Gilbert D, **Mayer KH**, Zinner S: Synergism between Ciprofloxacin © and Azlocillin (A) versus <u>P. aeruginosa</u> in an in-vitro model: effect of simultaneous vs. "staggered" dosing. Interscience Conference on Antimicrobial Agents and Chemotherapy. New Orleans, LA, September 28-31, 1986.
- 33. Dudley MN, Mandler HD, Gilbert D, **Mayer KH**, Zinner SH: Pharmacokinetics and serum bactericidal activity of intravenous Ciprofloxacin: studies in vivo and in an in vitro dynamic model. Symposium on Ciprofloxacin, Ft. Lauderdale, FL, November 8-9, 1986.
- 34. **Mayer KH**, Hopkins JD, Opal SM, Ellal JA: Molecular evolution of epidemic and endemic aminoglycoside (AR) plasmids carrying the ANT(2") gene. First International Congress on Bacterial and Parasitic Resistance, Bangkok, Thailand, December 10-13, 1986.
- 35. O'Brien TF, **Mayer KH**, Hajnal A, Lester SC, Hopkins JD: Transposition of resistance genes and transfer of resistance plasmids. First International Congress on Bacterial and Parasitic Resistance, Bangkok, Thailand, December 10-13, 1986.
- 36. **Mayer KH**, Ellal JA: Synergism and plasmid curing of aminoglycoside resistant enterobacteriaceae by Ciprofloxacin and Mezlocillin. First International Congress on Bacterial and Parasitic Resistance, Bangkok, Thailand, December 10-13, 1986.
- 37. O'Brien TF, **Mayer KH**, Pla MP, Lester SC, Hopkins JD: Epidemiology of antibiotic resistance plasmids. First International Congress on Bacterial and Parasitic Resistance, Bangkok, Thailand, December 10-13, 1986.
- 38. McCusker J, Zapka J, Stoddard A, **Mayer KH**: Response to the AIDS epidemic: Factors associated with preventive behavior. Society for Behavioral Medicine, Boston, MA, March 1987.
- 39. **Mayer KH**, Palardy J, Gremillion M, Pilsucki R: Enhanced colonization of the mouse GI tract by <u>K</u>. pneumoniae carrying an aminoglycoside resistance plasmid. National Meeting American Society for Microbiology, Atlanta, GA, March 1987.
- 40. **Mayer KH**, Palardy J, Gremillion M, Pilsucki R: Enteric persistence of enterobacteriaceae after acquisition of a multiresistant conjugative plasmid. <u>Clinical Research</u>. 44th Annual National Meeting of the American Federation for Clinical Research, San Diego, CA, May 1-4, 1987.
- 41. **Mayer KH**, McCusker J, Stoddard AM, Saltzman SP, Moon MW, Groopman J, et al: Clinical and behavioral predictors of developing AIDS and related outcomes among asymptomatic HIV seropositive homosexual men in Boston. III International Conference on AIDS, Washington, D.C., June 1-5, 1987.
- 42. Seage G, Landers SJ, **Mayer KH**, Barry A, Lamb G, Epstein A: Medical care costs of patients with generalized lymphadenopathy and other HIV- related symptoms. III International Conference on AIDS, Washington, D.C., June 1-5, 1987.
- 43. McCusker J, Zapka JG, Stoddard AM, **Mayer KH**, Avrunin JS, Saltzman SP, et al: Determinants and effects of HIV Antibody Test Disclosure. III International Conference on AIDS, Washington, D.C., June 1-5, 1987.

~-

- 44. Seage GR, Hardy A, **Mayer KH**, Groopman J, Barry A, Lamb, G, et al: HIV transmission among homosexual male partners: Evidence of the inefficiency of transmission. III International Conference on AIDS, Washington, D.C., June 1-5, 1987.
- 45. DeGruttola V, **Mayer KH**: Assessing and modeling the heterosexual spread of the Human Immunodeficiency Virus in the United States. III International Conference on AIDS, Washington, D.C., June 1-5, 1987.
- 46. **Mayer KH**, Palardy J, Gremillion M, Pilsucki R: Augmented strain persistence among fecal enterobacteriaceae after acquisition of our antibiotic resistance plasmid. 27th Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Microbiology, New York City, October 5-7, 1987.
- 47. Seage G, Mayer KH, Hardy A, Groopman J, Barry A, Weymouth L, Ferriani R, Lamb G, Jaffe H: Correlation of HIV non-transmission between homosexual men with virological, immunological, and behavioral factors. 27th Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Microbiology, New York City, October 5-7, 1987.
- 48. Opal SM, Boyce JM, Medeiros AA, **Mayer KH**, Lyhte LW: Modification of homogeneous resistance by a beta-lactamase plasmid in a methicillin-resistant strain of <u>S. aureus</u>. 27th Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Microbiology, New York City, October 5-7, 1987.
- 49. **Mayer KH**, Tenover F, Hopkins J, Ellal J, Opal S, Plorde J, O'Brien T. Replacement of the ANT(2") by the AAC(6')-I gene on an endemic conjugative plasmid by structural gene transfer while retaining a similar promotor. 27th Interscience Conference on Antimicrobial Agents and Chemotherapy, American Society for Micro- biology, New York City, October 5-7, 1987.
- 50. Hill E, McCusker J, **Mayer KH**: Hepatitis B vaccine among gay men. American Public Health Association National Meeting, New Orleans, October 18-22, 1987.
- 51. McCusker J, Zapka JG, Stoddard AM, **Mayer KH**, Avrunin JS, Saltzman SP, Morrison CS: HIV antibody test disclosure and subsequent behavior. American Public Health Association National Meeting, New Orleans, October 18-22, 1987.
- 52. McCusker J, Stoddard AM, Zapka JG, **Mayer KH**, Avrunin JS, Morrison CS, Saltzman SP: Determinants of unprotected anogenital contact in gay men. American Public Health Association National Meeting, New Orleans, October 18-22, 1987.
- 53. Zapka JG, Stoddard AM, McCusker J, Morrison CS, Avrunin J, **Mayer KH**: Determinants of AIDS protective sexual behavior in asymptomatic homosexual men. American Public Health Association National Meeting, New Orleans, October 18-22, 1987.
- 54. Zapka JG, Stoddard AM, McCusker J, Morrison CS, **Mayer KH**: Measurement issues in AIDS behavioral research. American Public Health Association National Meeting, New Orleans, October 18-22, 1987.
- 55. Stoddard AM, McCusker J, Zorn M, **Mayer KH**: Multivariate models for sexual behavior change. Biometrics Society, 1987 Spring meetings, Boston, MA, March, 1988.
- 56. **Mayer KH**, Horn A, Mandler H, Mikolich D, Dudley M, Medeiros A, Opal S, Boyce J, Zinner S: Treatment of complicated UTI's with IV then oral enoxacin. International Society for Infectious Diseases, Rio de Janeiro, April 17-22, 1988.
- 57. Harper ME, Lewis JS, **Mayer KH**, Opal SM, Hogan JJ, Milliman CL, Jonas V, Bhatt RS, Kacian DL, and the Neisseria Development Team: Specificity of DNA probe for <u>Neisseria gonorrheae</u> used in a rapid direct test. Annual Meeting of the American Society for Microbiology, Miami Beach, FL, May 8-13, 1988.

~~

- 58. Dickensheets DL, Mikolich D, **Mayer KH**: Clinical significance of nosocomial <u>Acinetobacter calcoaceticus</u> bacteremia. Annual Meeting of the American Society for Microbiology, Miami Beach, FL, May 8-13, 1988.
- 59. Opal SM, Mayer KH, Stenberg M, Blazek J, Mikolich D, Dickensheets DL, Lyhte LW: Colonization of health care workers by multiply resistant bacterial pathogens in an endemic hospital environment. Annual Meeting of the American Society for Microbiology, Miami Beach, FL, May 8-13, 1988.
- 60. **Mayer KH**, Saltzman S, Falk L, Moon M, Stoddard A, McCusker J, Groopman J: Natural history of chronic HIV core antigenemia and absent core antibody in initially asymptomatic homosexual men. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 61. McCusker J, Zapka J, Stoddard A, Zorn M, Morrison C, **Mayer KH**: Determinants of safer homosexual practices. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 62. Marlink R, **Mayer KH**, Davis W, Foss B, Bernard V, Werner B, Amicarelli B, Swift R, Luban J, Essex M: Evaluation of HIV-2 and HTLV-I in New England. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 63. McCusker J, Stoddard A, Zapka J, Morrison C, Zorn M, Mayer KH: Alcohol and drug changes among homosexual males: Association with sexual behavior changes. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 64. Zapka J, McCusker J, Stoddard A, Morrison C, **Mayer KH**: Psycho-social factors and behavior: Measurement and determinants. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 65. Carpenter CCJ, Fisher A, Desai M, Durand L, Indacochea F, **Mayer KH**: Clinical characteristics of AIDS in women in Southeastern New England. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 66. Huang JH, Chou MJ, Michiko M, **Mayer KH**, Essex M, Lee TH: Mapping of the continuous epitopes on gp120 using human antisera. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 67. Seage GR, Horsburgh C, Hardy A, **Mayer KH**, Barry M, Groopman J, Jaffe H, Lamb G: Increased suppressor T cells in probable transmitters of Human Immunodeficiency Virus. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 68. Seage G, DeGruttola V, **Mayer KH**: Infectivity of HIV between homosexual partners. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 69. Horsburgh CR, Seage G, **Mayer KH**, Schable C: Transmitters of HIV are not identified by persistent serum antigen or antibody patterns. IV International Conference on AIDS, Stockholm, Sweden, June 12-16, 1988.
- 70. Falk LA, et al: Relevance of HIV p24 antibody for staging HIV infection. NIH/NCI Laboratory of Tumor Cell Biology Annual Meeting, Bethesda, MD, August 22-26, 1988.
- 71. Dawson GJ, et al: Anti-p24 titers in HIV infection. NIH/NCI Laboratory of Tumor Cell Biology Annual Meeting, Bethesda, MD, August 22-26, 1988.
- 72. **Mayer KH** and Ellal JE: Susceptibilities of multiresistant clinical isolates of gram negative rods to lomefloxacin (NY-198) and 8 other antibiotics. 28th Interscience Conference on Antimicrobial Agents and Chemotherapy, Los Angeles, CA, October 23-26, 1988.
- 73. Horsburgh CR, Seage GR, **Mayer KH**: Infectivity of HIV by homosexual intercourse. 28th Interscience Conference on Antimicrobial Agents and Chemotherapy, Los Angeles, CA, October 23-26, 1988.

~^

- 74. Falk LA, **Mayer KH**, Blauuw B, Moon M, Saltzman S, Dawson G: Prediction of HIV-related outcomes by p24 core antibody level. 28th Interscience Conference on Antimicrobial Agents and Chemotherapy, Los Angeles, CA, October 23-26, 1988.
- 75. Dixon PS, **Mayer KH**, Amicarelli AR, Yankee RA, Carpenter CCJ: HTLV-I seroprevalence in 4 Rhode Island/Southeastern New England sub- populations. Clinical Research 36:799A, 1988.
- 76. Gilles CA, Mayer KH, Beckett A, Cleary PD: The AIDS Epidemic: Implications for Mental Health and Public Policy and Patient Care. American Public Health Association Annual Meeting, Boston, MA, November 13-17, 1988.
- 77. **Mayer KH**, Saltzman S, Falk L, Moon M, Stoddard A, McCusker J: HIV core antibody (Ab) loss and core antigenemia (Ag) as early predictors of developing AIDS among asymptomatic seropositives. American Public Health Association Annual Meeting, Boston, MA, November 13-17, 1988.
- 78. Saltzman S, Stoddard A, McCusker J, **Mayer KH**: Predictors of Increased Unsafe Sexual Practices in a Cohort of Bisexual and Homosexual Men with a History of Safer Sexual Behavior. American Public Health Association Annual Meeting, Boston, MA, November 13-17, 1988.
- 79. Horsburgh CR, Ou C-Y, Jason J, Lifson AR, **Mayer KH**, Longini IM, Holmberg SD, Schochetman G, Jaffe HW: Defining the interval between acquisition of HIV infection and detection of antibody. UCLA Symposium on Human Retroviruses, Tamarron, Colorado, February 4-11, 1989.
- 80. Anderson DJ, Wolff, H, Zhang W, Pudney J, Dorfman T, **Mayer KH**: Localization of HIV-1 in semen: evidence against HIV-1 attachment to human spermatozoa. Society for Gynecologic Investigation. San Diego, CA, March 15-17, 1989.
- 81. Anderson D, Wolff H, Wenhao Z, Pudney J, Martinez A, **Mayer KH**, Rhoades J, Hirsch M, Bretter D: Human Immunodeficiency Virus in semen from seropositive men. American Society of Andrology Annual Meeting, New Orleans, April 13-16, 1989.
- 82. **Mayer KH**, Wolff H, Martinez A, Saltzman S, Anderson DJ: Increased seminal leukocytes with progression of HIV-1 infection in homosexual males. American Society for Clinical Investigation National Meeting, Washington, D.C., April 28-May 1, 1989 (Clinical Research 37: 566A).
- 83. Niedzwicki JG, Kouttab NM, **Mayer KH**, Agarwal KC, Abushanab E, Parks RE, Abernethy DR: Adenosine deaminase isoenzymes in Human Immunodeficiency Virus infection. American Federation for Clinical Research, National Meeting, Washington, D.C., April 28-May 1, 1989 (Clinical Research 37: 340A).
- 84. **Mayer KH**, Palardy J: Alterations in the resistance of fecal coliforms in hospitalized patients receiving enoxacin or ampicillin/gentamicin, American Society for Microbiology Annual Meeting, New Orleans, May 13-18, 1989.
- 85. **Mayer KH**, Zierler S, Feingold L, Laufer D, Carpenter CCJ: Comparison of sexual behaviors among white IVDU and non-IVDU heterosexuals in Southeastern New England. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 86. **Mayer KH**, Zierler S, Feingold L, Laufer D: Heterosexual behavior and HIV status in a cohort of persons at increased risk for HIV infection. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 87. Zierler S, Feingold L, Laufer D, **Mayer KH**: Risk of adult HIV infection and childhood sexual abuse. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 88. Laufer D, Zierler S, Feingold L, **Mayer KH**: The soft underbelly of research: administrative and cost challenges in a study of heterosexual HIV transmission. V International Conference on AIDS, Montreal, June 4-9, 1989.

- 89. Laufer D, Feingold L, Zierler S, **Mayer KH**: Comparison of risk for HIV infection among self-referred and provider-referred heterosexuals in a study of HIV transmission. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 90. **Mayer KH**, Stoddard A, Falk L, Saltzman S, Dawson G, McCusker J: Prediction of HIV-related clinical outcomes by using beta-2 microglobulin, p24 antibody, and antigen in a cohort of initially asymptomatic gay men. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 91. Levy E, Knapp P, Linde R, **Mayer KH**, Stoddard A, McCusker J: Anger: an important psychological measure in HIV disease? V International Conference on AIDS, Montreal, June 4-9, 1989.
- 92. Wolff H, Martinez A, Politch J, Saltzman S, **Mayer KH**, Anderson DJ: Detection and quantification of HIV-1 antibodies in semen. International Conference on AIDS, Montreal, June 4-9, 1989.
- 93. Carpenter CCJ, **Mayer KH**, McCrow L, Danforth S: Lack of correlation of p24 antigenemia with clinical status or peripheral blood T4 lymphocytes in women with HIV infection. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 94. Hill JA, Carpenter CCJ, Martinez A, Politch JA, Mayer KH, Anderson DJ: Quantification of CD4 lymphocytes, macrophages and HIV antigen levels in vaginal secretions of HIV+ women. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 95. Moon M, Harris S, Feldman R, **Mayer KH**: Aerosolized pentamidine prophylaxis for <u>Pneumocystis carinii</u> pneumonia in a Boston community health center. V International Conference on AIDS, Montreal, June 49, 1989.
- 96. Saltzman S, Stoddard A, McCusker J, **Mayer KH**: Factors associated with recurrence of unsafe sexual practices in a cohort of gay men previously engaging in "safer" sexual practices. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 97. Ayanian J, Maguire J, Kanki P, Marlink R, **Mayer KH**, Essex M: HIV-2 in New England. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 98. Chenet-Monte CH, Riggin CH, **Mayer KH**: Detection of antibodies to Human Immunodeficiency Virus in venous and capillary whole blood by latex agglutination. V International Conference on AIDS, Montreal, June 4-9, 1989.
- 99. **Mayer KH**, Zierler S, Laufer D, Feingold L: Sexually transmitted diseases and condom use reported by heterosexuals at risk for HIV infection. 29th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Houston, TX, September 17-19, 1989.
- 100. **Mayer KH**, Falk L, Stoddard A, Saltzman S, Moon M, McCusker J: Multivariate outcomes over 3 years by initial p24 antigen, antibody, and beta-2 microglobulin levels. 29th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Houston, TX, September 17-19, 1989.
- 101. Neill MA, Opal SM, Cassidy JE, Heelan J, White R, Guisti RA, **Mayer KH**: Failure of Ciprofloxacin to eliminate convalescent salmonella excretion. 29th Interscience Conference on Anti-microbial Agents and Chemotherapy (ICAAC), Houston, TX, September 17-19, 1989.
- 102. Horsburgh CR, Stewart JA, **Mayer KH**, Seage GR, Saltzman S. Lack of evidence of polyclonal herpesvirus reactivation in early HIV infection. 29th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Houston, TX, September 17-19, 1989.
- 103. Anderson DJ, Wolff H, Martinez A, Saltzman S, **Mayer KH**: Leukocytopenia and HIV in semen from HIV seropositive men. American Fertility Society Annual Meeting, Washington, November 11-16, 1989.

~ 1

- 104. Alter MJ, Horsburgh CR, **Mayer KH**, Seage GH: Association of hepatitis C virus antibody with high risk behaviors in the U.S. International Symposium on Viral Hepatitis and Liver Disease, Houston, TX, April 4-7, 1990.
- 105. Stein MD, Piette J, Mor V, Wachtel TJ, Fleishman J, **Mayer KH**, Carpenter CCJ: Differences in access to azidothymidine (AZT) among symptomatic HIV-infected persons. Society of General Internal Medicine National meeting, Washington, D.C., May 2-4, 1990.
- 106. Stein MD, Wachtel TJ, Durand L, Fisher A, O'Sullivan P: The clinical presentation of HIV-positive women: comparing intravenous drug users (IVDUs) with heterosexuals. Society of General Internal Medicine National meeting, Washington, D.C., May 2-4, 1990.
- 107. Hideshima T, Mukherjec MK, Cannon TC, **Mayer KH**, Posner MR: Development of an IgG-1 human monoclonal antibody reactive with a cell surface antigen expressed by HIV-1 infected HT-H9 cells. American Federation for Clinical Research National meetings, Washington, D.C., May 4-7, 1990.
- 108. Cannon TC, Hideshima T, Elbolm HS, **Mayer KH**, Posner MR: High titered IgG antibodies reactive with malignant human T cell lines are present in the sera of some patients with HIV infection. American Federation for Clinical Research national meetings, Washington, D.C., May 4-7, 1990.
- 109. Imam N, Carpenter CCJ, Fisher A, Danforth S, Stein M, Mayer KH: Hierarchy of candida infections in 66 HIV+ women. American Federation for Clinical Research national meetings, Washington, D.C., May 47, 1990.
- 110. Seage GR, Mayer KH, Horsburgh CR, Cai B, Lamb GA: Corroboration of sexual histories among male homosexual couples. Society for Epidemiologic Research National Meetings, Utah, June 5-9, 1990.
- 111. Feingold L, Zierler S, Laufer D, **Mayer KH**: Perceived risk of developing AIDS among a cohort of heterosexuals in Southeastern New England. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 112. Browne M, **Mayer KH** and the Brown AIDS Program Clinical Trials Group: Phase I study of 2'3'didehydro-2'3'-dideoxythymidine (d4T) in patients with AIDS or ARC. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 113. Cohen CJ, **Mayer KH**, Eisenberg DM, Orav EJ, Delbanco TL: Determinants of non-conventional treatments among HIV-infected individuals. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 114. Roffman M, **Mayer KH**, Bridge P, Moon M, Itil T: Effects of peptide T on computerized electroencephalogram (CEEG) and brain mapping (BM) in patients with AIDS. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 115. Senterfitt W, Stoddard AH, McCusker J, **Mayer KH**: Therapy decisions among seropositive gay Boston men. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 116. Ruff M, O'Neill B, Barbour J, **Mayer KH**, Moon M, Huyett J, Heseltine P, Bridge P, Pert CB, Jaffe H: A pathogenic fragment of gp120 is concentrated in HIV plasma and CSF. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 117. Ardman B, Sikorski A, Settles M, **Mayer KH**, Staunton D: Autoantibodies to CD43 (leukosialin) in HIV-1-infected individuals. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 118. Zierler S, Feingold L, Laufer D, Carpenter C, **Mayer KH**: Prevalence of HIV infection and distribution of risk factors among heterosexuals in Southeast New England. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.

- 119. Stein M, Leibman B, **Mayer KH**, Fisher A, Carpenter C: The clinical presentation of HIV+ women by risk factor, comparing intravenous drug use (IVDU) with heterosexual transmission (HT). VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 120. Anderson DJ, Politch JA, Martinez A, **Mayer KH**, Saltzman S, Seage G, Horsburgh CR: HIV-1 in semen: prevalence, temporal variation, and biologic cofactors. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 121. Zapka JG, Stoddard AM, Zorn M, McCusker J, **Mayer KH**: Reasons for HIV-1 antibody testing in homosexual men. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 122. Posner M, Mukherjee M, Hideshima T, Cannon TC, **Mayer KH**: Development of an IgG-1 human monoclonal antibody that neutralizes HIV-1 infectivity and binding and reacts with a cell surface antigen expressed by HIV-1 infected cells. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 123. **Mayer KH**, Bridge P, Moon M, Linde R, Roffman M: Phase I study of intranasal peptide T: clinical and lab results. VI International Conference on AIDS, San Francisco, CA, June 20-24, 1990.
- 124. Posner MR, Hideshima T, Cannon T, Mukherjee M, **Mayer KH**, Byrn R: An IgG monoclonal antibody reacts with gp120 displayed on the surfaces of HIV-infected cells and inhibits cell binding and infection by virus. AIDS Vaccine Conference, Clearwater, FL, September 29, 1990.
- 125. Laufer D, **Mayer KH**, Zierler S, Feingold L: Going fishing: angling for recruits in a population-based HIV study. 118th American Public Health Association National Meeting, New York, NY, September 30-October 4, 1990.
- 126. **Mayer KH**, Getchell J (panel moderators): The clinical uses of surrogate markers for HIV infection. American Public Health Association National Meeting, New York, NY, September 30-October 4, 1990.
- 127. **Mayer KH**, Zierler S, Feingold L, Laufer D, Carpenter CCJ, O'Brien T, Hill J, Anderson D: Sexually transmitted diseases and genital tract inflammation among U.S. heterosexuals at increased risk for HIV infection. 30th Interscience Conference on Anti-microbial Agents and Chemotherapy (ICAAC), Atlanta, GA, October 22-24, 1990.
- 128. **Mayer KH**, Palardy J: Enhanced adherence of <u>K. pneumoniae</u> to intestinal mucosa after acquisition of an antibiotic resistance plasmid. 30th Interscience Conference on Anti- microbial Agents and Chemotherapy (ICAAC), Atlanta, GA, October 22-24, 1990.
- 129. **Mayer KH**, Ellal JA: Susceptibility of multiresistant gram negative bacilli to sparfloxacin (AT-4140) alone and in combination with newer beta lactams. 30th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Atlanta, GA, October 22-24, 1990.
- 130. Zieg J, Mayer KH, Hopkins JD, Jiang H, O'Brien TF: Nucleoside sequence differences between aadB genes from two of the earliest gentamicin- resistant isolates at one medical center. 30th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Atlanta, GA, October 22-24, 1990.
- 131. Santos-Ocampo S, Saniel MC, Opal SM, Palardy JE, Lyhte LW, **Mayer KH**: Clinical features of antibiotic-resistant <u>Vibrio cholerae</u> 01, El Tor, in the Philippines. 30th Interscience Conference on Antimicrobial Agents and Chemotherapy, Atlanta, GA, October 22-24, 1990.
- Dudley MN, Graham K, Kaul S, Geletko S, **Mayer KH**, McLaren C, Dunkle L, Browne M: Pharmacokinetics of the antiretroviral 2', 3' didehydro- 3'-deoxythymidine (d4T) in patients with HIV infection. American Society for Clinical Pharmacology and Therapeutics, San Antonio, TX, March, 1991.

- 133. **Mayer KH**, Zierler S, Feingold L, Carpenter CCJ, Politch J, Anderson DJ, et al. Asymptomatic genital tract inflammation (GTI) and HIV detection among high risk heterosexuals. American Federation for Clinical Research, Seattle, Washington, May 3-6, 1991.
- 134. **Mayer KH**, Zierler S, Feingold L, Laufer D, Carpenter CCJ: Gender- specific differences in morbidity among HIV-infected New England heterosexuals. VII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- 135. Carpenter CCJ, Leibman BD, Stein M, Fisher A, Fiore TC, Mayer KH: Distinctive features of HIV infection in 200 North American women. VII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- 136. Seage GR, **Mayer KH**, Horsburgh RC: The relationship between immunologic status and risk of HIV infection among partners of HIV-infected men. VIII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- 137. Bridge P, Linde R, Ollo C, **Mayer KH**: Neuropsychologic results of control HIV-1 trial of Peptide T. VIII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- O'Brien TR, Anderson DJ, Seage GR, Politch JA, **Mayer KH**, Martinez A, Padian N, Wolf H, Horsburgh CR: Inverse association between zidovudine (AZT) therapy and the prevalence of HIV in semen. VIII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- 139. McCreedy B, Callaway T, Lell J, Chimera J, **Mayer KH**: Polymerase chain reaction testing for HIV-1 infection in different patient populations. VIII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- 140. Politch J, Martinez A, Abbott A, **Mayer KH**, Padian N, Seage G, O'Brien T, Horsburgh C, Anderson D: Association between seminal white blood cells and HIV-1 in semen. VIII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- 141. Stein M, Leibman B, Carpenter CCJ, Fisher A, **Mayer KH**, Littell D: Changing clinical presentation and reasons for HIV testing among intravenous drug using (IVDU) women. VIII International Conference on AIDS, Florence, Italy, June 16-21, 1991.
- 142. Dudley M, Geletko S, Graham K, Kaul S, Browne M, Duhkle L, Mayer KH: Bioavailability of high-dose d4T in patients with HIV infection. 12th American College of Clinical Pharmacy National Meetings, Minneapolis, MN, August 18-21, 1991.
- 143. **Mayer KH**, Carpenter CCJ, Stein M, Leibman BD, Fisher A, Fiore TC: The clinical spectrum of illness among HIV infected New England Women. 31st Interscience Conference on Antimicrobial Agents and Chemotherapy Chicago, IL, September 26-October 1, 1991.
- 144. **Mayer KH**, Politch J, Feingold L, Zierler S, Laufer D, Carpenter CCJ, O'Brien T, Abbott A, Hill J, Anderson D: Asymptomatic genital tract inflammation among heterosexually active women and men. 31st Interscience Conference on Antimicrobial Agents and Chemotherapy Chicago, IL, September 26-October 1, 1991.
- 145. **Mayer KH**, Ellal JA: Comparison of PD-131628, CI-960, and other quinolones alone and in combination with extended spectrum beta lactams against multiresistant gram negative bacilli. 31st Interscience Conference on Antimicrobial Agents and Chemotherapy Chicago, IL, September 26-October 1, 1991.
- 146. Dudley MN, Geletko S, Kaul S, Graham K, Dunkle L, Browne M, **Mayer KH**: Nonlinear mixed effects modeling of the population pharmacokinetics of the antiretroviral 2',3'-didehydro-3'-deoxythymidine (D4T) in patients during chronic therapy. 31st Interscience Conference on Antimicrobial Agents and Chemotherapy Chicago, IL, September 26-October 1, 1991.

~ 4

- 147. Indacochea FJ, Peter G, **Mayer KH**, Daum RS: Lack of susceptibility of HIV seropositive adults to invasive Hemophilus influenzae type b infections. 31st Interscience Conference on Antimicrobial Agents and Chemotherapy Chicago, IL, September 26-October 1, 1991.
- 148. Cavacini LA, Emes CL, Underdahl J, **Mayer KH**, Posner M: Serum antibodies to an epitope on HIV/gp120 identified by a human monoclonal antibody associated with stable disease. 6th Annual Conference on Clinical Immunology, Arlington, VA, November 1-3, 1991.
- 149. Laufer D, Feingold L, **Mayer KH**, Zierler S: Condom use and sexually transmitted disease history among New England heterosexuals at risk for HIV infection. American Public Health Association National Meeting, Atlanta, Georgia, November 10-14, 1991.
- 150. **Mayer KH**: Update on the sexual acquisition and spread of HIV. American Public Health Association National Meeting, Atlanta, Georgia, November 10-14, 1991.
- 151. **Mayer KH**: What we have learned from PCR, Symposium on PCR and HIV. American Public Health Association National Meeting, Atlanta, Georgia, November 10-14, 1991.
- 152. Feingold L, Zierler, S, Laufer D, **Mayer KH**: Prediction of behavior change in heterosexuals at risk for HIV infection. American Public Health Association National Meeting, Atlanta, Georgia, November 10-14, 1991.
- 153. Weiss SH, Green TA, Ciesielski CA, Castro KG, Crystal S, **Mayer KH**, Klein CW, Friedman SR: Controversies and innovative approaches in AIDS epidemiology. American Public Health Association National Meeting, Atlanta, Georgia, November 10-14, 1991.
- 154. Cavacini L, Emes C, Power J, Goldstein R, **Mayer KH**, Posner M: Association of neutralizing serum antibody reactive with the CD4 binding site of HIV-1 gp120 with stable disease. Federation of Associations in Experimental Biology National Meeting, Washington, D.C., March 14-17, 1992.
- 155. Seage GS, Mayer KH, Cai B, Herren T, Horsburgh CR: The relation between nitrate inhalants, unprotected receptive anal intercourse, and HIV infection: Results of longitudinal analyses. Society for Epidemiological Research Annual Meeting, New Orleans, June 11-14, 1992.
- 156. **Mayer KH**, Jesdale B, Flanigan T, Fiore T, Bettencourt F, Stein M, Fisher A, Carpenter: The prevalence of specific illnesses in HIV-infected U.S. women with associated CD4 counts. VIII International Conference on AIDS, Amsterdam, the Netherlands, July 19-24, 1992.
- 157. Cohen CJ, Levin DL, **Mayer KH**: Gender differences of opportunistic infections in HIV: An analysis of the CBCT Observational Data Base. VIII International Conference on AIDS, Amsterdam, the Netherlands, July 19-24, 1992.
- 158. Bridge P, Linde R, Ollo C, Eaton E, Parker E, **Mayer KH**, Heseltine P, Ruff M, Pert C: Peptide T HIV-1 cognitive effects. VIII International Conference on AIDS, Amsterdam, the Netherlands, July 19-24, 1992.
- 159. Kalayjian R, Skowron G, Emgushov R, Chance M, Spell S, Borum P, Rowe B, Thompson K, Goldberg D, Trimbo S, **Mayer KH**, Lederman M: A phase I trial of intravenous procysteine in HIV infected subjects. VIII International Conference on AIDS, Amsterdam, the Netherlands, July 19-24, 1992.
- 160. Skowron G, Squires K, Bowers J, **Mayer KH**: Safety of Stavudine (d4T) in AZT intolerant subjects. VIII International Conference on AIDS, Amsterdam, the Netherlands, July 19-24, 1992.
- 161. Pudney J, Oneta M, **Mayer KH**, Seage G, Anderson DJ: Pre-ejaculatory fluid is a potential vector for the sexual transmission of HIV-1. VIII International Conference on AIDS, Amsterdam, the Netherlands, July 19-24, 1992.

- 162. **Mayer KH**, Zierler S, Feingold L, Laufer D, Carpenter CCJ: Ongoing HIV seroconversion among high-risk New England Heterosexuals. 32nd Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Anaheim, California, October 11-14, 1992
- 163. **Mayer KH**, Winger E, Hargrove D, Gauntlett D, McHugh T: Increased p24 antigen detection using immune complex dissociation in a trial of d4T for symptomatic HIV+ participants. 32nd Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Anaheim, California, October 11-14, 1992.
- 164. Dudley MN, Horton C, Kaul S, **Mayer KH**, Squires K, Anderson R: Integrated pharmacokinetic/pharmacodynamic model for analysis of changes in CD4 lymphocytes during antiretroviral therapy. 32nd Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Anaheim, California, October 11-14, 1992.
- 165. Horton C, Dudley MN, Kaul S, **Mayer KH**, Squires K, Anderson R: Population pharmacokinetics and bioavailability of Stavudine (d4T) in multicenter phase I dose-ranging clinical trials. 32nd Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Anaheim, California, October 11-14, 1992.
- 166. Geletko S, Jones K, Fiore T, Carpenter CCJ, Flanigan TP, Skowron G, **Mayer KH**, Dudley MN: Electronic monitoring of medication compliance in AIDS patients: Importance in the assessment of fluconazole prophylaxis in high-risk women. 32nd Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Anaheim, California, October 11-14, 1992.
- 167. **Mayer KH**, Zierler S, Flanigan TP, Stein M, Fisher A, Carpenter CCJ, et al: Gender and the spectrum of clinical illnesses in an HIV-infected U.S. cohort. Poster presented at the IXth International Conference on AIDS, Berlin, June 7-11, 1993.
- 168. **Mayer KH**, Seage G, Gross M, Cai B, Goldstein R, Horsburgh CR, et al: Predictors of therapeutic choices among HIV-infected homosexual males. Poster presented at the IXth International Conference on AIDS, Berlin, June 7-11, 1993.
- 169. Fiore TC, Flanigan TP, Carpenter CCJ, Bettencourt FA, Small D, Shevitz A, Jesdale BM, **Mayer KH**: Fluconazole for prophylaxis of mucosal candidal infections in women. Poster presented at the IXth International Conference on AIDS, Berlin, June 7-11, 1993.
- 170. Seage G, Mayer KH, Horsburgh C, O'Brien T, Rolitsky C, Erdman J, Politch J, Tucker L, Anderson DJ: Prospective evaluation of effect of zidovudine on detection of HIV-1 in semen. Poster presented at the IXth International Conference on AIDS, Berlin, June 7-11, 1993.
- 171. Larrat EP, Zierler S, **Mayer KH**: Cocaine use and HIV disease progression among heterosexuals. IXth International Conference on Pharmacoepidemiology, Washington, D.C., August 1-3, 1993.
- 172. Larrat EP, Zierler S, **Mayer KH**: Cocaine use and heterosexual exposure to HIV. American Public Health Association Annual Meeting, San Francisco, CA, October 24-27, 1993.
- 173. **Mayer KH**: Prevention of AIDS-Associated Opportunistic Infections, 3rd International Conference on the Prophylaxis of Infections, Nice, France, April 4-6, 1994.
- 174. **Mayer KH**: Factors associated with the Infectiousness of the Sexual Transmission of HIV, 6th International Society of Infectious Diseases, Prague, Czech Republic, April 26-30, 1994.
- 175. Carpenter CCJ, Flanigan TP, **Mayer KH**: Prevalence of Non-progression of Immunodeficiency in Women with HIV Infection. Tenth International Conference on AIDS, Yokohama, Japan, August 7-12, 1994.

- 176. DeMaria A, Coady W, Cohen C, Epstein P, Kunches L, **Mayer KH**, Weiner B: Therapeutic gp 160 vaccine (VaxSyn) in adults with CD4 counts < 400 cells/mm³. Tenth International Conference on AIDS, Yokohama, Japan, August 7-12, 1994.
- 177. Harlow LL, Morakoff P, Quina K, Rose J, Johnson L, Lang M, Denter P, Burkholder G, **Mayer KH**: HIV risk in women. Tenth International Conference on AIDS, Yokohama, Japan, August 7-12, 1994.
- 178. Smith DK, **Mayer KH**, Kalish LA for the HER Study Group: The HIV Epidemiology Research Study (HERS) of U.S. Women. Tenth International Conference on AIDS, Yokohama, Japan, August 7-12, 1994.
- 179. **Mayer KH**: The Sexual Transmission of HIV: Biological and Behavioral Aspects. Third Taipei International AIDS Conference. Taipei, Republic of China, August 13-15, 1994.
- 180. **Mayer KH**, Seage G, Cai B, Goldstein R, Wold C, Holmberg S: The Prevalence of HIV, Hepatitis B, Syphilis and Ongoing Sexual Risk- Taking Behavior among Young Gay Men in Boston. 34th Interscience Conference on Antimicrobial Agents and Chemotherapy, Orlando, FL, October 4-7, 1994.
- 181. DeMaria A, Cohen C, Epstein P, Kunches L, **Mayer KH**, Werner B and the gp 160 Working Group: Responses of HIV-Infected Adults with CD4 Counts <400/mm³ to Recombinant gp 160 Vaccine. Interscience Conference on Antimicrobial Agents and Chemotherapy, Orlando, FL, October 4-7, 1994.
- 182. Cai B, Seage GR, Mayer KH, Hingson R: Level of agreement for last sexual encounter among homosexual male couples. 122nd National American Public Health Association meeting, Washington, D.C., October 30-November 3, 1994.
- 183. Seage SR, Mayer KH, Wold S, Cai B, Lenderking W, Goldstein R: Drinking, drug use and HIV risk among young gay men in Boston. 122nd National American Public Health Association meeting, Washington, D.C., October 30-November 3, 1994.
- 184. Zierler S, Anness B, **Mayer KH**: Women, HIV and sexual violence. 122nd National American Public Health Association meeting, Washington, D.C., October 30-November 3, 1994.
- 185. Gross M, Seage G, **Mayer KH**, Goldstein R, Wold C, Losina L: Interest among gay/bisexual men in greater Boston in participating in clinical trials of preventive HIV vaccines. Conference on Advances in AIDS Vaccine Development (7th NCVDG meeting), Reston, VA, November 6-10, 1994.
- 186. Quayle AJ, **Mayer KH**, Anderson DJ: Characterization of mononuclear cells in semen from HIV+ men: viability, function and evidence for mucosal activation. Keystone Symposia: Mucosal immunity: New strategies for protection against viral and bacterial pathogens, Keystone, Colorado, January 16-23, 1995.
- 187. Anderson DJ, Haimovici F, O'Brien T, **Mayer KH**, Padian N, Vandervanter N, Holmberg S: HIV-1 specific antibodies in cervicovaginal lavages of high risk HIV-1 seronegative women. Keystone Symposia: Mucosal immunity: New strategies for protection against viral and bacterial pathogens, Keystone, Colorado, January 16-23, 1995.
- 188. DeGroot AS, Fisher KA, Roberts CGP, Meister GE, Edelson BT, McGowan K, Phair JP, **Mayer KH**: T cell response to M. tuberculosis in HIV seropositive subjects: Longitudinal and cross-sectional analysis. Keystone Symposia: Mucosal immunity: New strategies for protection against viral and bacterial pathogens, Keystone, Colorado, January 16-23, 1995.
- 189. Wang WK, Essex M, McLane MF, **Mayer KH**, Seage G, Hsieh CC, Lee TH: Long term nonprogression associated with a distinct pattern of HIV-1 gp120 sequence divergence. 2nd International Retrovirology Meeting, Washington, DC, January 29-February 2, 1995.

- 190. **Mayer KH**, Warren D, Klein RS, Sobel J, Cu-Uvin S, Brown W, Peipert J, Holmberg S for the HER Study Group: Genital tract inflammation (GTI) in HIV infected women. Poster of the 2nd International Retrovirology Meeting, Washington, DC, January 29-February 2, 1995.
- 191. Schuman P, Greene V, Klein RS, Solomon L, **Mayer KH** for the HERS Study Group. Oral lesions in women at risk for HIV infection. 2nd International Retrovirology Meeting, Washington, DC, January 29-February 2, 1995.
- 192. Stevens J, Zierler S, Cram V, Dean D, Pratt L, **Mayer K**, DeGroot: Human Immunodeficiency Virus (HIV) and Gynecological Comorbidity in Incarcerated Women. 2nd International Retrovirology Meeting, Washington, DC, January 29-February 2, 1995.
- 193. DeMaria A, Cohen C, Epstein P, Kunches L, **Mayer K**, Werner B, and the gp 180 Working Group: Phase III Trial of gp160 Vaccine (VaxSyn[®]) in HIV-Infected Adults with CD4 Count <400/mm³: *Preliminary Results*. 2nd International Retrovirology Meeting, Washington, DC, January 29-February 2, 1995.
- 194. Flanigan TP, **Mayer K**, Smith D, Schoenbaum E, Vlahov D, Schuman P, Holmberg S, for the HER Study Group: Bacterial Infections in HIV (+) and High Risk HIV (-) Women. 2nd International Retrovirology Meeting, Washington, DC, January 29-February 2, 1995.
- 195. **Mayer KH**, Zierler S, Jesdale B, Flanigan TP, Stein MD, Fisher A, Carpenter CCJ: Gender and the clinical spectrum of HIV disease in New England. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 196. DeGroot A, Stevens J, Cram V, Chalfen B, **Mayer KH**, Zierler S: Childhood sexual abuse increases vulnerability to HIV exposure among incarcerated women. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 197. DeGroot A, Stevens J, Chalfen B, Cram V, Dean, D, **Mayer K**, Zierler S: HIV and Gynecological Comorbidity among Women Incarcerated in Masachusetts. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 198. Sobel JD, Schuman P, **Mayer KH**, Klein S, Solomon L, Smith D, Warren D, Duerr A for the HER Study Group: Candida colonization in women at risk for HIV infection. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 199. Cu-Uvin S, Fiore T, Gormley J. Bettencourt F, Prade G, **Mayer K**, Flanigan T: Lower Genital Tract Infections in HIV Seropositive Women and Response to Treatment: A Pilot Study. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 200. Cu-Uvin S, Warren D, Mayer KH, Peipert J, Anderson J, Klein RS, Schoenbaum E, Holmberg S, Schuman P, Vlahov D for HER Study Group: Prevalence of genital tract infection in HIV seropositive women. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 201. Flanigan TP, **Mayer KH**, Smith D, Schoenbaum E, Vlahov D, Schuman P, Holmberg S for the HER Study Group: Self reported bacterial infections in HIV (+) and high risk HIV (-) women. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 202. Stein M, Schuman P, Solomon L, Schoenbaum E, **Mayer KH**, Moore J: Patterns of antiretroviral use among women in Providence and Detroit. "HIV in Women: Setting a New Agenda", National HIV in Women's Conference, Washington, DC, February 22-24, 1995.
- 203. Peipert JF, Sung J, **Mayer KH**: Laboratory evaluation of acute pelvic inflammatory disease. Abstract of the Society for Epidemiologic Research, Snowbird, Utah, June 22-24, 1995.

- 204. Coplan PM, Zierler S, **Mayer KH**, Speigelman D, Mueller NE: Individual, sexual partner, and socioeconomic determinants of condom use in a sample of heterosexuals at high risk for HIV infection. Society for Epidemiologic Research, Snowbird, Utah, June 22-24, 1995.
- 205. Quayle AJ, Chong X, Pudney J, Ljunggren G, **Mayer KH**, Anderson DJ: HIV positive "trojan horse" leukocytes in semen. Eighth International Congress of Mucosal Immunology, San Diego, CA, July 16-20, 1995.
- 206. **Mayer KH**, Seage, GR, Bozman S, Goldstein R, Barran P, Holmberg S, et al: Underutilization of hepatitis B (HB) vaccination (Vx) by young gay males at risk. Infectious Disease Society of America Annual Meeting, San Francisco, CA, September 16-18, 1995.
- 207. Avis NE, Smith KS, **Mayer KH**: The development of the MQOL-HIV: A quality of life instrument for persons with HIV. American Public Health Association, San Diego, CA, October 1995.
- 208. Avis NE, Smith KS, **Mayer KH**: The development of the MQOL-HIV: A quality of life instrument for persons with HIV. Poster of the International Society for Quality of Life Research, Montreal, October 1995.
- 209. Gross M, Seage GR, **Mayer KH**, Goldstein G, Losina L, Wold C: Interest of gay/bisexual men in greater Boston in clinical trials of preventive HIV vaccines, 123rd Annual Meeting of the American Public Health Association, San Diego, CA, October 29-November 2, 1995.
- 210. Kouttab N, Cole B, **Mayer KH**, Flanigan TP, Margolick J, Poisson M: CD8 subsets in HIV infected women in relation to disease and IDU status: Cross-sectional evaluation of HIV epidemiological research study. Third Conference on Retroviruses and Opportunistic Infections, Washington, DC, January 28-February 1, 1996.
- 211. Flanigan TP, Friedman J, Ku P, Greenough T, **Mayer KH**, Stein M, et al: Non-progression in HIV+ women. Third Conference on Retroviruses and Opportunistic Infections, Washington, DC, January 28-February 1, 1996.
- 212. Avis NE, Smith KS, Mayer KH: The development of the MQOL-HIV: A quality of life measurement for persons with HIV. Poster of the International Society of Behavioral Medicine, Washington, DC, March 1996.
- 213. **Mayer KH**, Koblin B, Marmor M, Donnell D, Chiasson MA, Flanigan TP: Contraceptive practices among U.S. women at increased risk for HIV acquisition. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 214. Cu-Uvin S, Warren D, **Mayer KH**, Peipert J, Anderson J, Klein RS, Schoenbaum E, for the HER Study Group: Prevalence of genital tract infection in HIV seropositive and high risk seronegative women. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 215. Cu-Uvin S, **Mayer KH**: HIV-1 RNA quantification by NASBA in matched plasma and cervicovaginal lavage in HIV seropositive women. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 216. Cu-Uvin S, Flanigan TP, Greenough TC, Anderson D, Parekh B, Mayer KH, Carpenter CCJ: Discordance of Genital and Plasma HIV Expression Associated with Long-term Nonprogression in Women. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 217. Warren D, Klein RS, Brown W, Sobel J, Schuman P, Anderson J, Cu-Uvin S, **Mayer K**, Holmberg S for the HER Study: High Prevalence of Abnormal Vaginal Flora and Bacterial Vaginosis in Women with or at Risk for HIV Infection. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.

- 218. Seage G, Mayer KH, Losina E, Lenderking W, Goldstein R, Herren T, Hingson R: Predictors of consistent unprotected anal intercourse in the Boston young men's study. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 219. Sobel JD, Schuman P, **Mayer KH**, Klein RS, Rompalo A, Smith D for the HER Study Group: Candida colonization and mucosal candidiasis in women with or at risk for HIV infection. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 220. Warren D, Klein RS, Brown W, Sobel J, Schuman P, **Mayer KH**, for the HER Study Group: High prevalence of abnormal vaginal flora and bacterial vaginosis in women with or at risk for HIV infection. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 221. Avis N, Smith KS, **Mayer KH**: The relationship among CD4+ hemoglobin, symptoms and quality of life domains in a cohort of HIV positive men. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 222. Smith KS, Avis N, **Mayer KH**: Responsiveness of the MQOL-HIV to quality of life changes in a cohort of HIV+ men. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 223. Pena-Cruz V, McLane MF, Wang WK, Lee TH, Mayer K, Essex M Neutralization on Primary HIV Isolaltes. XI International Conference on AIDS, Vancouver, British Columbia, July 7-12, 1996.
- 224. **Mayer KH**, Cu-Uvin S, Rodriguez I, Tucker L, Xu C, Zierler S, Flanigan TP, Warren D, Anderson DJ: Cell-associated and free HIV detection by cervicovaginal lavage (CVL) PCR. 4th Conference on Retroviruses and Opportunistic Infections, Washington, DC, January 22-26, 1997.
- 225. Boswell SL, **Mayer KH**, Goldstein RS, Tucker L, Xu C, Anderson DJ: The effect of HIV protease inhibitors on seminal proviral DNA. 4th Conference on Retroviruses and Opportunistic Infections, Washington, DC, January 22-26, 1997.
- 226. Celum C, Donnell D, Buchbinder S, Mayer KH, Douglas J, Koblin B, Flores J, Marmor M, Sheppard HW. HIV Seroconverters in HIVNET (HIV Network for Prevention Trials): Natural History and STDs in Early HIV Infection. 4th Conference on Retroviruses and Opportunistic Infections, Washington, DC, January 22-26, 1997.
- 227. Wang WK, Essex M, **Mayer KH**, Lee TH: Changes in gp120 mutational profile during the course of HIV infection. 4th Conference on Retroviruses and Opportunistic Infections, Washington, DC, January 22-26, 1997.
- 228. **Mayer KH**, Mansourati F, Stone VE, Bostom L: Porphyria Cutanea Tarda in HIV-Infected Patients, American College of Physicians, (R.I. State Meeting) Warwick, RI, April 1-2, 1997.
- 229. Stone VE, Clarke J, Lovell J, **Mayer KH**: Access to HIV Medications Study Group: Protease Inhibitor-Related Knowledge, Attitudes & Patterns of Use by Gender. Society of General Internal Medicine, Washington, DC, May 3, 1997.
- 230. Celum CL, Sheppard HW, Donnell D, Wilson SE, Douglas J, Mayer KH, Flores J, Marmor M, Buchbinder SP from the HIVNET (HIV Network for Prevention Trials): HIV seroconverters in domestic HIVNET studies: clinical, epidemiologic, virologic and immunologic findings in primary HIV infection. National Collaborative Vaccine Development Group Meeting, Bethesda, MD, May 4-7, 1997.
- 231. **Mayer KH**, Cu-Uvin S, Rodriguez I, Tucker L, Xu C, Zierler S, Flanigan TP, Warren D, Anderson D: Cell-associated and free HIV detection by cervicovaginal lavage PCR. National Conference on Women and HIV, Pasadena, CA, May 4-7, 1997.

- 232. **Mayer KH**, Warren D, Cu-Uvin S, Klein R, Sobel J, Peipert J, Brown W: Cervicovaginal lavage leukocytes and genital tract infections in asymptomatic HIV(+) and high risk HIV(-) women. National Conference on Women and HIV, Pasadena, CA, May 4-7, 1997.
- 233. **Mayer KH**, Boswell S, Goldstein R, Lo W, Xu C, Tucker L, Anderson DJ: HIV detection in semen 6 months after the addition of indinavir to combination therapy. 35th Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA, September 13-16, 1997.
- 234. **Mayer KH**, Rosenberg Z, Cates W: The current status of topical microbicides to prevent the spread of HIV and other sexually transmitted diseases, 6th European Conference on Clinical Aspects Treatment of HIV, Hamburg, Germany, October 11-15, 1997.
- 235. **Mayer KH**, Rosenberg Z, Cates W: The current status of topical microbicides to prevent the spread of HIV and other sexually transmitted diseases, 4th International Congress on AIDS in Asia and the Pacific, Manila Philippines, October 25-29, 1997.
- 236. **Mayer KH**, Cu Uvin, S, Peipert J, Fleming T, Bentley P, Bettencourt F, Horton S, Cates W: BufferGel; Results of the first Phase I Study of a Novel Vaginal Microbicide, 5th Conference on Retroviruses and Opportunistic Infections, Chicago, Ill, February 1-5, 1998.
- 237. **Mayer KH**, Cu Uvin, S: HIV-1 RNA Levels in the Genital Tract of Women on Antiretroviral Therapy, 5th Conference on Retroviruses and Opportunistic Infections, Chicago, Ill, February 1-5, 1998.
- 238. Mansourati FF, Stone VE, Hirschhorn LR, Duefield CA, **Mayer KH**: Older Patients with HIV/AIDS: Are they really different? SGIM, 21st Annual Meeting, Chicago, IL, April 23-25, 1998.
- 239. Kouttab NM, Stoeckler JD, Mayer KH, Flanigan TP, Cole B, Lin J, Margolick J: CD38 Expression in HIV-1 Disease: A Cross-Sectional Evaluation from the HIV Epidemiological Research Study (HERS), Association of Clinical Scientists, Frontiers of Clinical Science, Providence, RI, April 29 May 3, 1998.
- 240. **Mayer KH**: Post Exposure Prophylaxis to Prevent HIV Infection, 4th International Conference on the Prevention of Infections (CIPI), Nice, France, May 6-7, 1998.
- 241. **Mayer KH**, Peipert J, Fleming T, Cu Uvin S, Horton S, Moench T, Rosenberg Z: BufferGel; Results of the First Phase I Study of a Novel Vaginal Microbicide, 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 242. **Mayer KH**, Cu-Uvin S, Hogan J, Rodriguez I, Tucker L, Allsworth J, Anderson D: HIV DNA and RNA Detection in Cervicovaginal (CV) Secretions of Asymptomatic (ASX) HIV + Women With and Without Genital Tract Inflammation (GTI), 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 243. Stone VE, Steger KA, Hirschhorn LR, Boswell SL, Stein MD, Duefield CA, **Mayer KH**, Clarke JG, Monroe AD, Poses RM: Access to Treatment with Protease Inhibitor (PI) Containing Regimens: Is it Equal for all? 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 244. Stone VE, Adelson-Mitty J, Duefield CA, Steger KA, Stein MD, **Mayer KH**: Adherence to Protease Inhibitor (PI) Therapy in Clinical Practice: Usefulness of Demographics, Attitudes and Knowledge as Predictors, 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 245. Stenzel MS, Boswell SL, Stone VE, Ng JJ, Fisher AE, **Mayer KH**: Combination Therapy with Nelfinavir/Saquinavir Compared to Ritonavir/Saquinavir in Protease Inhibitor (PI) Experienced Patients. 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 246. Chesney M, Bentley ME, Morrow KM, **Mayer KH**: Real Experience: The Key to Vaginal Microbicide Acceptability. 12th International AIDS Conference, Geneva, June 28-July 3, 1998.

4.4

- 247. Gross M, Holte S, Buchbinder SP, **Mayer KH**, Metzger DS, Seage GR: Oral chemoprophylaxis to prevent HIV infection: Attitudes and interest among high risk HIV-negative US populations. 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 248. Buchbinder S, Donnell D, Self S, **Mayer KH**, Gross M, Marmor M, Celum S: Risk behaviors reported by newly infected men who have sex with men (MSM): Implication for prevention intervention. 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 249. Buchbinder S, Heagerty P, **Mayer KH**, Douglas J, Celum C, Seage G, Koblin B: Risk factors for HIV seroconversion in a contemporary cohort of high risk men who have sex with men (MSM). 12th International AIDS Conference, Geneva, June 28-July 3, 1998.
- 250. Williams SB, Flanigan TP, Cu-Uvin S, **Mayer KH**, Ettore C, Williams P, Artenstein A, Duerr A, Van Cott T: HIV-Specific Antibody in Serum and Cervicovaginal Lavage of HIV (+) Women. 12th International AIDS Conference, Geneva, June 28- July 3, 1998.
- 251. Lo W, Terasaki G, Wong FY, **Mayer KH**, FCHC: Model of Illness and Quality of Life: Treatment Choices Among HIV Infected Men. National Gay & Lesbian Health Association, San Francisco, July 26-30, 1998.
- 252. Bush CE, Carlsen JA, Klein RS, **Mayer KH**, Shuman P, Tashima K, Ing DJ, Smith DK: Measurement of CMV Load in HIV-Infected Women at Risk for CMV Disease. 38th Interscience Conference on Antimicrobial Agents & Chemotherapy, San Diego, CA, September 24-27, 1998.
- 253. **Mayer KH**, LaSalvia T, Church D, Peterson N, Kwong J, Applebaum J, Boswell S: Non-Occupational Post-Exposure Prophylaxis (PEP) vs. HIV in a Boston Community Health Center. 36th Annual Meeting of the Infectious Disease Society of America, Denver, CO, November 12-15, 1998.
- 254. Cu-Uvin S, Caliendo AM, Chang AJ, Reinert SE, Hong RJ, Flanigan TP, D'Aquila R, **Mayer KH**, Carpenter CCJ: Cervicovaginal and Plasma HIV-1 Viral Load Among HIV-Infected Women on Antiretroviral Therapy. 36th Annual Meeting of the Infectious Disease Society of America, Denver, CO, November 12-15, 1998.
- 255. **Mayer KH**, Cu-Uvin S, Tucker L, Xu C, Rodriguez I, Flanigan T, Anderson DJ: Cervicovaginal (CV) HIV DNA, RNA and Markers of Inflammation in HIV+ Women Before and After Treatment for Vaginitis. 6th Conference on Retroviruses & Opportunistic Infections, Chicago, IL, January 31, February 4, 1999.
- 256. Cu-Uvin S, Chang A, Caliendo A, D'Aquila R, Reinert S, Flanigan T, Mayer KH, Juliano C, Carpenter CCJ: Genital Tract HIV-1 RNA Levels in Women & Mode of HIV-1 Transmission. 6th Conference on Retroviruses & Opportunistic Infections, Chicago, IL, January 31, February 4, 1999.
- 257. Cu-Uvin S, Caliendo A, Reinert S, Allega J, Flanigan T, **Mayer KH**, Carpenter CCJ: Genital tract HIV Detection in Women: Association with Plasma Viral Load CD4 Cell Count, and antiretroviral Therapy. 6th Conference on Retroviruses & Opportunistic Infections, Chicago, IL, January 31, February 4, 1999.
- 258. Mansourati F, Stone VE, Duefield C, Poses R, **Mayer KH**: Use of Protease Sparing Regimens in 1998. 6th Conference on Retroviruses & Opportunistic Infections, Chicago, IL, January 31, February 4, 1999.
- 259. **Mayer KH**: The Sexual Transmission of HIV: Implication for Biologically-Based Approaches to HIV Prevention. National HIV/AIDS Update Conference, San Francisco, CA, March 23-26, 1999.
- 260. Stone VE, Mansourati FF, Poses RM, Duefield CA, **Mayer KH**: Specialty and HIV Experience: Do they predict antiretroviral prescribing practices? SGIM 22nd Annual Meeting, San Francisco, CA, April 29, May 1, 1999.
- 261. **Mayer KH,** Kwong J, Church D, LaSalvia T, Lo W, MacGovern T, Smith D: HIV Prophylaxis After Non-Occupational Exposure In Massachusetts. National HIV Prevention Conference, Atlanta, GA, August 29-September 1, 1999.

- 262. **Mayer KH,** LaSalvia T, Church D, Peterson N, Kwong J, Appelbaum J, Boswell S: Non-Occupational Post-Exposure Prophylaxis (PEP) vs. HIV in a Boston Community Health Center. The Infectious Diseases Society of America, 36th Annual Meeting, Denver, CO, November 12-15, 1998.
- 263. Redding CA, Rossi JS, Meier K, Morokoff PJ, **Mayer K**: Interactive multimedia expert systems in HIV prevention. Paper presentation at the 50th annual meeting of the Society for Public Health Education (SOPHE), Chicago, IL, November 1999.
- 264. Mahajan A, Reddy V, Kumarasamy N, Flanigan T, Rogers M, **Mayer K**, Solomon S: Pathogenic profile of chronic diarrhea in HIV/AIDS patients in South India. 5th Asia Pacific AIDS Conference, Kuala Lumpur, 1999.
- 265. Mahajan, A, Allsworth J, Geetha A, Flanigan T, **Mayer K**, Solomon S: Correlation between CD4 count and Total Lymphocyte Count in HIV-positive patients in South India. 5th Asia Pacific AIDS Conference, Kuala Lumpur, 1999.
- 266. Gopalakrishnan G, Kumarasamy N, Rogers M, McGarvey S, Dickenson B, Flanigan T, **Mayer K**, Solomon S: Seroprevalence and risk factors for HIV in partners of HIV positive patients in Chennai, India. 5th Asia Pacific AIDS Conference, Kuala Lumpur, 1999.
- 267. Rogers M, Gopalakrishnan G, Cu-Uvin S, Flanigan T, Kumarasamy N, Newman S, Sarin P, Mayer K, Sololon S: HIV in Women in India: The YRG/Brown Experience. International Conference on HIV and Women, San Francisco, CA, Sept. 1999.
- 268. Phillips AA, **Mayer K**: Patterns of Risk Reduction and Social Service Utilization in Rhode Island Women at Risk for HIV Infection. The Fellowship Program in Academic Medicine for Minority Students 2000 Research Symposium, Wallingford, CT, March 8, 2000.
- 269. Cu-Uvin S, Chapman S, **Mayer KH**, Rodriguez I, Moench T: Treatment of Bacterial Vaginosis With an Acidic Buffering Gel (Buffergel): Pilot Study. Microbicides 2000 Conference, Washington, DC, March 13-16, 2000.
- 270. Day J, **Mayer KH**: More than Sex? Male Partner Contributions to Clinical Trials of Microbicides. Microbicides 2000 Conference, Washington, DC, March 13-16, 2000.
- 271. Hammett T, Norton G, Mason T, **Mayer KH**, Robles R, Feudo R, Seage G: Drug-Involved Women's User Perspective on Microbicides. Microbicides 2000 Conference, Washington, DC, March 13-16, 2000.
- 272. Kumarasamy N, Solomon S, Madhivanan P, Yepthomi T, Venkatesan C, Amalraj RE, Flanigan T, Thyagarajan SP, **Mayer K**: High Plasma Viral Load in Persons Co-infected with HIV and Tubeculosis in South India. International Congress of Infectious Diseases, Beunos Aires, April 10-12, 2000.
- Judson FN, **Mayer K**, Gorse GJ, Harro C, Lehrman J, Fontana R, Li E, Peterson M, and Francis D: Safety and Immunogenicity Evaluation of HIV-1 Vaccines AIDSVAX® B/B and AIDSVAX™ B/E Preliminary Results, XIII International AIDS Conference, Durban, South Africa, July 5-14, 2000.
- 274. Solomon S, Rodriguez II, McGarvey ST, Ganesh AK, Thyagarajan SP, Mahajan A, **Mayer K**: Dried Blook Spots (DBS): a valuable tool for HIV surveillance in developing/tropical countries (oral presentation), XIII International AIDS Conference, Durban, South Africa, July 5-14, 2000.
- 275. Kumarasamy N, Solomon S, Madhivanan P, Yepthomi T, Venkatesan C, Amalraj RE, Flanigan R, Thyagarajan SP, **Mayer** K: Correlations between Plasma viral load and CD4 + T cell count to opportunistic infections in persons with HIV in South India, XIII International AIDS Conference, Durban, South Africa, July 5-14, 2000.

•

- 276. Kumarasamy N, Flanigan T, Mahajan A, Amalraj RE, **Mayer K**, Solomon S: Comparative study of chronic diarrhea in persons with HIV in South India, XIII International AIDS Conference, Durban, South Africa, July 5-14, 2000.
- 277. Madhivanan P, Cu-Uvin S, Geetha A, Lush S, **Mayer K**, Solomon S: Profile of sexually transmitted diseases in HIV infected women at a tertiary HIV care center, XIII International AIDS Conference, Durban, South Africa, July 5-14, 2000.
- 278. Cohen DE, **Mayer KH**, Feuer JC, et al: Increasing rates of syphilis and gonorrhea among men who have sex with men (MSM) at a Boston community health center, 1997-1999, 8th Annual Meeting of the Infectious Diseases Society of America, New Orleans, LA, September 4-10, 2000 (Abstract 538).
- 279. **Mayer K**, Judson F, Gorse G, Harro C, Peterson M, Zaharias E, Good J, Shibata R, Lee S, Eastman D, Chernow M, Francis D, and Berman P: A Phase I/II Trial to Evaluate the Safety and Immunogenicity of the AIDSVAX B/B Vaccine in the United States (Final Report), 8th Conference on Retroviruses and Opportunistic Infections, Chicago, IL, February 4-8, 2001.
- 280. Safren S, Boswell S, Johnson W, Salomon L, and **Mayer K**: Initial Outcome of an On-Line Paging System (MediMom) to Increase Adherence to Antiretroviral Medications, 8th Conference on Retroviruses and Opportunistic Infections, Chicago, IL, February 4-8, 2001.
- 281. Cu-Uvin S, Caliendo A, Ko H, Donahue S, Allega J, Kurpewski J, Carpenter CCJ, **Mayer K**, and Flanigan T: Long-Term Patterns of Response to Highly Active Antiretroviral Therapy (HAART): Plasma vs. Genital Tract, 8th Conference on Retroviruses and Opportunistic Infections, Chicago, IL, February 4-8, 2001.
- 282. Redding C, Meier KS, Noar SM, White SL, Rossi JS, Doherty-Iddings P, Gazabon SA, Morokoff PJ, and Mayer K: The Transtheoretical Model for Condom Use in a Community Sample of At-Risk Men and Women. Society for Behavioral Medicine Annual Meeting, Seattle, WA, March 21-14, 2001. *Annals of Behavioral Medicine*, 23, S135.
- 283. **Mayer KH**: Safety and Tolerability of Pro2000/5 Gel in Sexually Active HIV- and Abstinent HIV+ Women. International Congress of Sexually Transmitted Diseases, Berlin, Germany, June 24-27, 2001.
- 284. **Mayer K**, Kelly C, Morar NS, Maslankowski L, Emans A, Welch J: The Safety and Tolerability of PRO2000, a Novel Vaginal Microbicide in Sexually Active HIV- and Abstnient HIV+ Women. International AIDS Society, 1st Conference on HIV Pathogenesis and Treatment, Buenos Aires, Argentina, July 9, 2001.
- 285. **Mayer K**: Prevention of HIV Infection Through STD Control and ART Intervention (invited lecture). International AIDS Society, 1st Conference on HIV Pathogenesis and Treatment, Buenos Aires, Argentina, July 11, 2001.
- 286. Auerbach J, Gross M, **Mayer K**, Veronese F: Microbicides to Prevent HIV Transmission During Anal Sex? 2001 National HIV Prevention Conference, Atlanta, GA, August 12-15, 2001.
- 287. **Mayer K**, Rosenberg Z, Harrison P: Microbicides 2001: A Review of What is Known and Directions for Future Research and Advocacy. 2001 National HIV Prevention Conference, Atlanta, GA, August 12-15, 2001.
- 288. Kwong, JJ, Mayer K, Peterson NJ, Appelbaum JS, MacGovern T, Boswell SL: Non-occupational Post-expsoure Prophylaxis (NPEP) at a Boston Community Health Center: Experience from the First Three Years. 2001 National HIV Prevention Conference, Atlanta, GA, August 12-15, 2001.
- 289. **Mayer K**, Singal R, MacGovern T, Kwong J, Smith D: Non-occupational Post-expsoure Prophylaxis (NPEP) Use in Massachusetts: Experience in 6 Diverse Sites. 2001 National HIV Prevention Conference, Atlanta, GA, August 12-15, 2001.

. .

- 290. Cu-Uvin S, Caliendo AM, Donahue S, Allega J, Flanigan TP, **Mayer KH**, Carpenter CCJ: Understanding HIV-1 RNA Shedding in the Female Genital Tract. The Third Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants, Kampala, Uganda, September 9-13, 2001.
- 291. Kumarasamy N, **Mayer K**, Celantano D, Flanigan T, Thyagarajan SP, Solomon S. Prevelance of HBV, HCV and its correlation with Plasma HIV-RNA levels in persons with HIV in South India. 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 4-10, 2001 (Abstract No. 597).
- 292. Harrison PF, **Mayer KH**, Rosenberg ZF. Microbicides: Progress in the Development of a Novel Approach to the Prevention of HIV/STD. 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 4-10, 2001 (Abstract No1331).
- 293. Flanigan T, Mahajan A, Kumarasamy N, Hemalatha R, **Mayer K**, Solomon S. Cost effective strategies to monitor HIV therapy in the developing world. 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 4-10, 2001 (Abstract No. 1142).
- 294. Madhivanan P, Cu-Uvin S, Thyagarajan SP, Wilson K. **Mayer K**, Hemalatha R, Solomon S: Prevalence of Lower Genital Tract Infections among Women Attending an HIV Care Center in South India, 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 410, 2001 (Abstract No 0431).
- 295. Madhivanan P, Cu-Uvin S, Govindarajan M, **Mayer K**, Solomon S, Screening for Cervical Dysplasia among Women attending an HIV Care Center in Chennai, South India, 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 4-10, 2001 (Abstract No 0435).
- 296. Solomon S, Sandeep P, Rodriguez I, **Mayer KH**, Kumar SKS, Ganesh AK, Solomon S: Low Cost HIV Serosurveillance Tool: A Success Story from India, 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 4-10, 2001 (Abstract No 0483).
- 297. Solomon S, Morrow K, Srikrishnan AK, Thamburaj E, Rosen R, Ganesh AK, D'Souza-Yepthomi R, **Mayer KH**: Is Our Community Sufficiently Prepared for Microbicides?, 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 4-10, 2001 (Abstract No 0487).
- 298. Srikrishnan AK, Morrow K, Ganesh AK, Johnson S, Thamburaj E, Rosen R, **Mayer KH**, Solomon S: Same Risks, Disparate Perceptions: Challenges to Microbicide Acceptability in the Chennai Community, 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 410, 2001 (Abstract No 0777).
- 299. Ganesh AK, Madhivanan P, **Mayer KH**, Humblet OP, Macalino G, Hemalatha R, Solomon S: Knowledge, Attitudes and Beliefs Regarding HIV, and Attitudinal and Structural Barriers to Care among South Indian Physicians, 6th International Congress on AIDS in Asia Pacific, Melbourne, Australia, October 410, 2001 (Abstract No 1625).
- 300. Flanigan T, Mahajan A, Kumarasamy N, **Mayer K**, Carpenter C, Solomon S: Total Lymphocyte Count (TLC) as a Surrogate for CD4 Count to initiate and Monitor HAART in Resource-Liminted Countries. The 9th Conference on Retroviruses and Opportunistic Infections, Foundation for Retrovirology and Human Health, Washington, DC, February 24-28, 2002.
- 301. Kumarasamy N, **Mayer K**, Flanigan T, Hemalatha, Carpenter C, Thayagarajan SP, Solomon S: Survival of Persons with HIV Disease following antiretroviral Therapy in Southern India. The 9th Conference on Retroviruses and Opportunistic Infections, Foundation for Retrovirology and Human Health, Washington, DC, February 24-28, 2002 (Abstract no: 462W).
- 302. Stover C, Smith D, Schmid S, Klein R, **Mayer K**, Vlahov D, Schuman P, Cannon M: Viral Infections in HIV-Infected and High-Risk Uninfected Women: Prevalence of and risk Factors for infection. The 9th

- ،

- Conference on Retroviruses and Opportunistic Infections, Foundation for Retrovirology and Human Health, Washington, DC, February 24-28, 2002.
- 303. Cu-Uvin, Susan, Snyder B, Donahue S, Allega J, Hogan J, Harwell J, Kurpewski J, Carpenter CCJ, **Mayer K**, Caliendo A: HIV-1 RNA Levels in the Female Genital Tract Differ by Collection Method: Analysis of Cervicovaginal Lavage and Snow-Strip Collections. The 9th Conference on Retroviruses and Opportunistic Infections, Foundation for Retrovirology and Human Health, Washington, DC, February 24-28, 2002.
- 304. Cu-Uvin S, Caliendo A, Snyder B, Hogan J, **Mayer K**, Donahue S, Allega J, Kurpewski J, Harwell J, Flanigan T, Carpenter CCJ: Factors Associated with HIV-1RNA Shedding in the Female Genital Tract: 24 Month Follow-Up. The 9th Conference on Retroviruses and Opportunistic Infections, Foundation for Retrovirology and Human Health, Washington, DC, February 24-28, 2002.
- 305. Golub SA, Mayer K, Lo W, Cohen D: Patterns of STD Infection, HIV Coinfection, and Risk-Behavior Among MSM at a Boston Community Health Center. Centers for Disease Control National STD Prevention Conference, San Diego, CA, March 4-7, 2002.
- 306. Kumarasamy N, Solomon S, Flanigan T, Hemalatha R, Thygarajan SP, **Mayer K**. Natural history of HIV disease in Southern India. 10th International Congress on Infectious Diseases, Singapore, March 11-14, 2002 (Abstract No: 01499).
- 307. Redding CA, Morokoff PHJ, Noar SN, Meier KS, Rossi JS, Koblin B, Brown-Peterside P, **Mayer K**, Harlow L, White S, Gazabon S: Evaluating Transtheoretical model-based predictators of condom use in atrisk men and women. Symposium paper submitted for presentation at the annual meeting of the Society of Behavioral Medicine in Washington, DC, April 2002. Annals of Behavioral Medicine, 24, S020.
- 308. Merchant RC, Becker BM, **Mayer KH**, Bock B. HIV Post-exposure Prophylaxis At a Large, Urban Emergency Department. [abstract] In: 2002 New England Regional Society for Academic Emergency Medicine Meeting, Shrewsbury, MA, April 3, 2002.
- 309. Merchant RC, Nam D, Becker BM, **Mayer KH**. Forsooth! Beware the Tooth!: A Study of Human Bite Injuries At A Large Urban Emergency Department. [abstract] In: 2002 New England Regional Society for Academic Emergency Medicine Meeting, Shrewsbury, MA, April 3, 2002.
- 310. Merchant RC, Becker BM, **Mayer KH**, Bock B. Limited Necessity for Emergency Prophylaxis Following Pediatric Sexual Abuse and Assault. [abstract] In: 2002 New England Regional Society for Academic Emergency Medicine Meeting, Shrewsbury, MA, April 3, 2002.
- 311. Morokoff, PJ, Noar SM, Harlow LL, Redding CA, White S, Gazabon S, Quina K, Mayer K, Koblin B, Brown-Peterside P, Meier K, & Rossi JS. (April, 2002). Multifaceted model of HIV risk applied to heterosexual men and women: Interpersonal predictors of HIV risk in RI Project Respect. In PJ Morokoff (Chair), Theory-based approaches to HIV prevention. Symposium paper presented at the Twenty-Third Annual Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
- 312. Merchant RC, Becker BM, **Mayer KH**, Bock B. HIV Post-exposure Prophylaxis At a Large, Urban Emergency Department. [abstract 300] In: Society for Academic Emergency Medicine, 2002 Annual Meeting, St. Louis, MO, May 19-22, 2002.
- 313. Morrow K, Rosen RK, Richter L, Emans A, Forbes A, Day J, Shagan N, Maslankowski L, Profy AT, Kelly C, Abdool Karim SS, **Mayer KH**. The acceptability of an Investigational Vaginal Microicide Agent: PRO 2000 Gel. Microbicide 2002, Antwerp, Belgium, May 2002.
- 314. Morrow K, Solomon S, Srikrishnan AK, Costello T, Rosen RK, **Mayer KH**. Microbicide Acceptability in Southern India A Quantitative Survey. Microbicide 2002, Antwerp, Belgium, May 2002.

4 -

- 315. Macalalad AR, Griffith JL, **Mayer K**, DeGruttola V, Selker HP. Comparison of Methods to Predict HIV Resistance to Antiretroviral Therapy. NRSA Trainees Research Conference, June 22, 2002, Washington, DC.
- 316. Shyamprasad S, Madivanan P, Dhanraj M, Durgabai G, Solomon S, Cu-Uvin S, **Mayer K**. AZT, 3TC, NVP & Caesarean Section in prevention of vertical transmission in Chennai, India. XIV International AIDS Conference in Barcelona, Spain, July 2002.
- 317. Harwell JH, Caliendo A, Kurpewski J, Donahue S, Ingersoll J, **Mayer KH**, Cu-Uvin S. Cervicovaginal HIV-1 RNA shedding is not related to the presence of white blood cells in the genital tract. XIV International AIDS Conference in Barcelona, Spain, July 2002.
- 318. **Mayer K**, Golub S, Cohen D, Lo W, MacGovern T, Averhach A, Rice L. Intersecting Epidemics: High Coprevalence of STD and HIV in MSM at a Boston Community Health Center. XIV International AIDS Conference in Barcelona, Spain, July 2002.
- 319. Natividad-Villanueva GU, Santiago E, Manalastas RM Jr, Caliendo AM, Brown H, **Mayer KH**, Cu-Uvin, S. Human Immunodeficiency Virus in Plasma and Cervicovaginal Secretion in Filipino Women. XIV International AIDS Conference in Barcelona, Spain, July 2002.
- 320. Morokoff PJ, Redding CA, Noar S, Rossi JS, Mayer K, & Meier K. Stage and gender differences in model based variables among at-risk heterosexual men and women. XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 321. Lacey CJN, **Mayer KH**, Abdool Karim SS, VanDamme L, Rees H, Maslankowski L, Profy AT, Rosenberg Z. Safety and tolerance of PRO 2000 Gel, a candidate vaginal microbicide, in different populations, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 322. **Mayer K**, MacGovern T, Golub S, Lo W, Singal R, Kwong J, Cohen D, Smith D. Trends in the use of non-occupational post-exposure prophylaxis (NPEP) in Massachusetts (MA), XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 323. Sivaram S, Krikrishnan AK, Murgavel KG, Balarishnan K, **Mayer KH**, Celentano DD, Solomon S. Community, research and ethics: participatory approaches to assessing HIV and STD burden in urban India, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 324. Ackers ML, Buchbinder S, McKirnan D, **Mayer KH**, Novak R, Harro C, Popovic V, Heyward W, Para M, Fuchs J, Tabet S, Vax004-Vision Study Team. Post-exposure prophylaxis among HIV-uninfected participants in a phase III HIV vaccine efficacy trial, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 325. Solomon S, Murugavel KG, Celantano D, Balakrishnan P, Srikrishnan AK, Go, FV, Sivaram S, **Mayer KH**. Low HIV/STI infection and risks in Chennai (India) Slums, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 326. Solomon S, Srikrishnan AK, Ganesh AK, Rogers M, **Mayer KH**. HIV VCT services in Chennai, India: Expeditor or Hurdle, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 327. Pullimi S, Solomon S, Rodriguez I, **Mayer K**, Murugavel KG, Satiskhumar SK, Ganesh AK, Solomon S. Utility of fingerstick dried blood spots as a tool for HIV epidemiology studies in resource constrained settings, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 328. Kumarasamy N, **Mayer K**, Hemalatha R, Flanigan T, Yepthomi T, Thyagarajan SP, Solomon S. Antiretroviral therapy experience from Southern India, XIV AIDS Conference in Barcelona, Spain, July, 2002 (Abstract No. B 10591).

4-

- 329. Satish Kumar SK, Solomon S, Ganesh AK, Mani L, Thomas SA, D'Souza Yepthomi R, **Mayer KH**. HIV/AIDS counseling by nurses and health care workers A YRG CARE Experience, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 330. Safren SA, Hendriksen ES, Boswell S, DeSousa N, **Mayer KH**. Twelve-week outcome of a cue-controlled paging system to increase ART adherence. XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 331. Bartholow BN, Royal S, Neidig J, Buchbinder S, **Mayer K**, Dyslin K, Tabet S, Goli V, Hirsch A. Enrolling high-risk HIV Vaccine Efficacy Trial Participants: Media Coverage, Advertising and Opinion Leader Endorsement, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 332. Srikrishnan AK, Solomon S, Fasudevan CK, Kabeer P, Ganesh AK, **Mayer KH**. Community Advisory Boards, XIV AIDS Conference in Barcelona, Spain, July, 2002.
- 333. Merchant RC, Nam DW, Becker BM, **Mayer KH**. Who gets bitten, why, and where? An updated assessment of human bites. Annals of Emergency Medicine 40(4, part 2) Supplement: S41, October 2002.
- 334. Cohen DE, Russell CJ, Golub SA, **Mayer KH**. Risk Factors for Hepatitis C Infection among Men Who Have Sex with Men. 40th Annual Meeting of IDSA, Chicago, October 24-27, 2002.
- 335. **Mayer, KH**. HIV and STD coprevalence in Boston MSM: Intersecting epidemics (Abstract #47571). 130th Annual Meeting, American Public Health Association, Philadelphia, PA, November 9-13, 2002.
- 336. Kumarasamy N, **Mayer KH**, Balakrishnan P, Yepthomi T, Kalamalini A, Bavathy R, Bai APC, Murugavel KG, Flanigan T, Solomon S. Safety, Tolerability and Effectiveness of locally produced Generic Antiretroviral drugs in persons with HIV disease in Southern India. 6th International Congress on Drug Therapy in HIV infection, Glasgow, UK, November 17-21, 2002.
- 337. Kumarasamy K, Chaguturu SK, Mahajan AP, Yepthomi T, Balarishnan P, Kalamalini A, Flanigan TP, Solomon S, **Mayer KH**. The Safety, Tolerability and Effectiveness of a Generic HAART Regimen in South India. Drug Therapy and HIV Infection. Edinburgh, Scotland 2002.
- 338. Kumarasamy N, Chaguturu S, Mahajan A, Yepthomi T, Balakrishnan P, Kalamalini A, Flanigan T, Solomon S, **Mayer**, K. Safety, tolerability and effectiveness of generic HAART regimens in south India [abstract 174]. 10th Conference on Retroviruses and Opportunistic Infections, Boston, MA, February 10-14, 2003.
- 339. Cavacini L, Duval M, Wood C, Mayer K, Posner M. Dichotomy in Cross-clade Reactivity of Sera: Implications for the Development of Active and Passive Immunotherapy [poster 411]. 10th Conference on Retroviruses and Opportunistic Infections, Boston, MA, February 10-14, 2003.
- 340. Buck J, Lionel J, Gopalakrishnan G, Cu-Uvin S, Flanigan T, **Mayer K**, Jasper P. HIV and Obstetric Complications and Fetal Outcomes in Vellore, India, Brown Department of Medicine Ninth Annual Research Forum, Brown University, Providence, RI, June 3, 2003.
- 341. DeGroot A, Sbai H, Bishop EA, Foti S, Franco J. Lally M, Weiner DB, **Mayer KH**, Carpenter CCJ, Martin W. Developing an Immunogenic Censensus Sequence T. Cell Epitopes for the Gaia Cross-Clade HIV Vaccine, 2003 HIV Vaccines: Design-Potency-Delivery, Cambridge, MA, June 22-23, 2003.
- 342. Kumarasamy N, Chagutura SK, Yepthomi T, Flanigan TP, Balakrishnan P, Solomon S, Carpenter CCJ, **Mayer KH**. Frequency of Immune Reconstitution Syndrome among HIV-TB Co-Infected Individuals after Initiation of Generic Antiretroviral Therapy in India. The 2rd IAS Conference on HIV Pathogenesis and Treatment, Paris, France, July 13-16, 2003.
- 343. Sbai H, Bishop EA, Martin W, Lally M, **Mayer KH**, DeGroot AS. Immunogenic HIV Class I and Class II T-cell Epitopes for the GAIA Cross-Clade HIV Vaccine. The 2nd IAS Conference on HIV Pathogenesis and Treatment, Paris, France, July 13-16, 2003.

- 344. Macalalad AR, Shafer R, DeGruttola V, **Mayer** K, Griffith J, Schmid C, Carpenter GA, McKenna T, Woods M, Gonzales M, Selker H. Comparing Mathematical Methods Using Genotype to Detect HIV Resistance to Antiretroviral Therapy. The 2nd IAS Conference on HIV Pathogenesis and Treatment, Paris, France, July 13-16, 2003.
- 345. **Mayer, KH**, Golub S, MacGovern T, Grasso C, Cohen D, Boswell S. Non-occupational Post-exposure Prophylaxis (NPEP) Trends in a Boston Community Health Center, 1997-2002. 2003 National HIV Prevention Conference, July 27-30, 2003.
- 346. **Mayer, KH**, Golub S, Russell C, Grasso C, Feuer J, Cohen D. Sexual Risk Taking Among Men Who Have Sex with Men (MSM) Who Underwent STD Screen in Behavior at a Boston Community Health Center. CDC 2003 National HIV Prevention Conference, Atlanta, GA, July 27-30, 2003.
- 347. Merchant RC, Becker BM, **Mayer KH**, Fuerch J, Schreck B. Blood or body fluid exposures and HIV post-exposure prophylaxis provision at a large, urban, emergency department. CDC 2003 National HIV Prevention Conference, Atlanta, GA, July 27-30, 2003.
- 348. Solomon L, Benet DJ, Pickard R, **Mayer KH**. Impact of September 22, 2001 Events on the Boston Explore Cohort of Men who have Sex with Men (MSM). CDC 2003 National HIV Prevention Conference, Atlanta, GA, July 27-30, 2003.
- 349. Brown SJ, Harro C, **Mayer KH**, Bartholow BN, Buchbinder S, Mastro TD, Judson F, Gorse GJ, Kostman J, Koblin B, Marmour M, Celum C, Goli V, Poovic V, Para M, Novak RM, McKirnan DJ, Creticos C, Orozco-Cronin P, the VAX004 Study Team. VaxGen AIDS VZX B/B Vaccine Trial: Recruitment Demographics, and Changes in Risk Behaviors--Lessons for future Trials. CDC 2003 National HIV Prevention Conference, Atlanta, GA, July 27-30, 2003.
- 321. Merchant RC, **Mayer KH**, Browning CA. Nonoccupational HIV post-exposure guidelines for Rhode Island healthcare practitioners from the Brown University AIDS Program and the Rhode Island Department of Health: a unique public and private collaborative effort for HIV prevention. CDC 2003 National HIV Prevention Conference, Atlanta, GA, July 27-30, 2003.
- 322. Kumarasamy N, Balakrishnan P, Solomon S, Srikrishnan AK, Chaguturu S, **Mayer, K** Prevalence of Sexually Transmitted Infections Among Individuals at High Risk for HIV in Chennai, India Implications for HIV Preventions, poster presentation, CDC 2003 International Congress on Sexually Transmitted Diseases, Ottawa, Canada, July 27-30, 2003.
- 323. Popovic V, Gurwith M, Francis D, Harro C, **Mayer KH**, Heyward W, Berman P, Gilbert P. Differential efficacy in prevention of HIV infection by rgp120 HIV-1 vaccine by gender and race Is it real? 43rd Interscience Conference on Antimicrobial Agents and Chemotherpy, ASM's Annual Meeting on Infectious Diseases, Chicago, IL, September 14-17, 2003.
- 324. Buchbinder S, Wheeler S, Vittinghoff E, McKiernan D, Celum C, **Mayer K**, Fuchs J, Para M, Novak R, Bartholow B. Declines in Risk Behavior Are Smaller in Phase III Vaccine Trial Participants than in a Nonvaccine Trial Control Group. AIDS Vaccine 2003, New York, NY, September 18-21, 2003.
- 325. Bishop E, Martin W, Lally M, Mayer K, DeGroot A. Immunogenic Consenses Sequences MHC Class II Epitopes for the GAIA Cross-Clade HIV Vaccine (poster). AIDS Vaccine 2003, New York, NY, September 18-21, 2003.
- 326. Gaitanis M, Alvarez S, **Mayer K**, Lally M. Selective Case Management Use among High-risk Women in 2 Studies: A Retrospective Analysis (poster). AIDS Vaccine 2003, New York, NY, September 18-21, 2003.
- 327. Ackers M, Buchbinder S, Heyward W, **Mayer K**, Popovic V, Novak R, Fuchs J, McKiernan D, Tabet S, Harro C, and the VAX00 Study Team. Post-Exposure Prophylaxis (PEP) and HIV Seroincidence among

- Phase III HIV Vaccine Efficacy Trial Participants (poster). AIDS Vaccine 2003, New York, NY, September 18-21, 2003.
- 328. **Mayer K**, Durham M, Colfax G, Celum C, McKiernan D, Marmor M, Safren S, Batholow B, and VAX00 Investigators of the Vaxgen B/B Phase III AIDSVAX study. Recreational Drug Use (RD) and Sexual Risk among Men Who Have Sex with Men (MSM) in the AIDSVAX B/B Efficacy Trial (poster). AIDS Vaccine 2003, New York, NY, September 18-21, 2003.
- 329. Durham MD, **Mayer KH**, Bartholow BN, Graham P, Novak R, Mclellan E, Popovic V. The Relationship of Substance Use to Sex Risk Behavior among Women Enrolled in a HIV Vaccine Efficacy Trial (poster). AIDS Vaccine 2003, New York, NY, September 18-21, 2003.
- 330. Ghanem KG, Klein RS, **Mayer KH**, Sobel JD, Warren DW, Jamieson D, Duerr A, Rompalo AM. The Interplay of Sex Hormones, HIV Status, and Concomitant Sexually Transmitted Infection on the Inflammatory Cell Content of Cervico-Vaginal Lavage Fluid (poster). 41st Annual Meeting of IDSA, San Diego, CA, October 9-12, 2003.
- 331. **Mayer K**. Prevention Package: Can HAART Prevent HIV? 4th International Conference on AIDS India, Chennai, India, November 9-12, 2003.
- 332. **Mayer K**. ART: When to Switch ART and What to Switch to. 4th International Conference on AIDS India, Chennai, India, November 9-12, 2003.
- 333. Buchbinder S, Wheeler SL, Vittinghoff E, **Mayer KH**, Celum C, Novak R, McKirnan D, Para MF, Gurwith M, Longhi M, Ackers M. Timing and Factors Associated with Antiretroviral use Among Participants Who Become HIV Infected in a Phase 3 HIV Vaccine Trial (poster #288). 11th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 8-11, 2004.
- 334. Saghayam S, Kumarasamy N, Solomon S, Anitha J, Chaguturu S, **Mayer K**, Flanaigan T, Wanke C. Weight and Body Shape Changes Associated with Antiretroviral Therapy in South India: Initial Prospective Analysis (#586). 11th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 8-11, 2004.
- 335. Kumarasamy N, Chaguturu K, Balakrishnan P, **Mayer KH**, Solomon S, Flanigan TP. Low-cost Strategies to Monitor Highly Active Antiretroviral Therapy in Resource-limited Settings (#589). 11th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 8-11, 2004.
- 336. Rogers MC, Kumarasamy N, Chaguturu SK, Flanigan TP, **Mayer KH**, Balakrishnan P, Solomon S. Hepatitis B, Hepatitis C, and HIV Co-infection in Chennai, India (#796). 11th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 8-11, 2004.
- 337. Cu-Uvin S, Snyder B. Hogan J, Donahue S, Ingersoll J, D'Aquila R, DePasquale M, Kurpewski Jm Harwell J, **Mayer K**, Carpenter C, Caliendo A. Paired Plasma and Cervicovagainal HIV-1 RNA Expression over 36 Months (#954). 11th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 8-11, 2004.
- 338. Kumarasamy N, Solomon S, Cecelia A, Chaugururu S, Yepthomi T, Flanigan T, Balakrishnan P, Kalamalini A, **Mayer K**: Impact of HAART on opportunistic infections and on survival of persons with HIV disease in Southern India, 11th International Congress on Infectious Diseases, March 4-7, 2004, Cancun, Mexico.
- 339. **Mayer K**, Goldhammer H, Grasso C, Golub S, Appelbaum J, Feuer J, Cohen D, Averback A, Bertrand T. STI Trends among MSM at the Largest Health Center Caring for Gay Men in New England, 1997-2002 (poster), 2004 National STD Prevention Conference, Philadelphia, PA, March 8-11, 2004, Abstract 1220.

~^

- 340. Cohen D, **Mayer K.** Golub S, Russell C. Association of Hepatitis C with Markers of Sexual Risk-taking Among Men who Have Sex with Men (poster), 2004 National STD Prevention Conference, Philadelphia, PA, March 8-11, 2004, Abstract 1262.
- 341. Goldhammer H, **Mayer K**, Grasso C, Golub S, Appelbaum J, Feuer J, Cohen D, Averbach A, Bertrand T. Behavioral Risk Assessment of MSM Screened for STI at a Boston Community Health Center (poster), 2004 National STD Prevention Conference, Philadelphia, PA, March 8-11, 2004.
- 342. Redding, C.A., Morokoff, P.J., Rossi, J.S., Meier, K.S., Hoeppner, B.B., **Mayer, K.**, Koblin, B., Brown-Peterside, P., Noar, S.M., White, S.L., & Gazabon, S.A. Effectiveness of a computer-delivered TTM-tailored intervention at increasing condom use in at-risk heterosexual adults: RI Project Respect. 2004 Annual Meeting, Society for Behavioral Medicine, Baltimore, MD, March 24-27, 2004.
- 343. Maslankowski, L, **Mayer K**, El-Sadr W, Justman J, Masse B, Kwiecien A, Hendrix C, Rooney J, Soto-Torres L for the HPTN 050 Protocol Team. Vaginal Tenofovir Gel Tolerability in HIV-Uninfected Women and Abstinent HIV-Infected Women: HPTN 050. Microbicides 2004, Imperial College, London, March 28-31, 2004, Abstract 02655.
- Justman J, El-Sadr W, Gai F, Masse BR, Hoesley C, Maslankowski L, Mayer K, Timoney MT, Allen N, Kwiecien A, Soto-Torres L, Mauck C for the HPTN 049 Study Team. Vaginal Flora Characteristics of HIV+ Women Enrolled in a Phase I Cellulose Sulfate Study: HPTN 049. Microbicides 2004, Imperial College, London, March 28-31, 2004, Abstract 02407.
- 345. Absalon J, El-Sadr W, Maslankowski L, **Mayer K**, Hoelsey C, Gai F, Masse B, Richardson B, Soto-Torres L, Justman J for the HPTN 049 and 050 Study Teams. Enrollment Failures in HIV+ and HIV- Women Screened for 2 Phase I Microbicide Trials: HPTN 049/050. Microbicides 2004, Imperial College, London, March 28-31, 2004, Abstract 02433.
- 346. El-Sadr W, **Mayer K**, Maslankowski L, Justman J, Hoesley C, Asalon J, Gai F, Soto-Torres L, Kwiecien A, for the HPTN 049 Protocol Team. High Rates of Co-Morbid Conditions & Pelvic Findings in HIV+ Women Enrolled in HPTN 049. Microbicides 2004, Imperial College, London, March 28-31, 2004, Abstract 02586.
- 347. Carballo-Diequez A, Morrow K, Rosen R, Negron J, Balan I, Fry D, Costello T, Mantell J, Hoffman S, **Mayer K**, El-Sadr W, Maslankowski L & the HPTN 050 Study Group. Male Partners Acceptability of PMPA Gel as Vaginal Microbicide: HPTN 050. Microbicides 2004, Imperial College, London, March 28-31, 2004, Abstract 02580_1.
- 348. Rosen R, Morrow K. Carballo-Diequez A, Fry D, Mantell J, Megron J, Costello T, Hoffman S, Forbes A, Maslankowski L, **Mayer K**, El-Sadr W, & the HPTN 050 Study Group. HPTN 050. Microbicides 2004, Imperial College, London, March 28-31, 2004, Abstract 02583.
- 349. Morrow K, Rosen R, Carballo-Diequez A, Fry D, Kulczycki A, Negron J, Costello T, Forbes A, El-Sadr W, Maslankowski L, **Mayer K**, and the HPTN 049 Study Group. The acceptability of a Novel Vaginal Microbicide, Cellulose Sulfate Gel, Among HIV-Positive Females: HPTN 049. Microbicides 2004, Imperial College, London, March 28-31, 2004, Abstract 02585.
- 350. Cu-Uvin A, Caliendo A, Hogan SJ, **Mayer K**, Donahue S, Ingersoll J, Kurpewski J, Harwell J, Flanigan T, Carpenter CCJ. HIV-1 Virologic Failure May Occur Earlier in Blood Plasma Compared to the Female Genital Tract (poster) Abstract MoPeC342. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 351. **Mayer K**, Maslankowski L, El-adr W, Justman J, Masse B, Swiecien A, Soto-Tores L. Safety and Tolerability of Vaginal Tenofovir Gel (TFV) in HIV-infected Women (HPTN 050), Abstract ThOrB1373. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.

- -

- 352. **Mayer KH**, Goldhammer H, Cohen D, Grasso C, Bill R, Maldonado A, Fisher A. Enhanced Tolerability and Adherence Using Tenofovir/3TC for Non-occupational Post-exposure Prophylaxis (NPEP), Abstract TuPeB4657. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 353. Wilcox A, VanDerwarker R, Perkins B, Dolin R, **Mayer K**. HIV Vaccine Awareness and Recruitment Marketing Plan (poster). HIV Vaccine Awareness and Recruitment Marketing Plan (poster). XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004
- 354. Balakrishnan P, Kumarasamy K, Solomon S, **Mayer KH**, Vidya S, Boden D, Katzenstein D, Ramratnam B. Clade C HIV-1 ART drug resistance mutations in treatment naïve southern Indian patients. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 355. Saghyam S, Kumarasamy N, Solomon S, Cecilia AJ, Flanigan T, **Mayer KH**, Wanke C. Metabolic and body shape changes in an ART naïve cohort initiating generic HAART in South India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 356. Kumarasamy N, Flanigan T, Solomon S, Cecilia A, Balakrishnan P, Chaguturu S, **Mayer KH**. Rapid viral load suppression following generic HAART in southern India HIV-infected patients. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 357. Kumarasamy N, Balakrishnan P, Solomon S, Cecilia A, Srikrishnan AK, Chaguturu S, **Mayer KH**. Prevalence and incidence of STIs among individuals at high risk of HIV in Chennai, India--Implications for HIV prevention. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 358. Kumarasamy N, Safren S, Srikrishnan AK, Raminani S, Pickard R, James R, Solomon S, **Mayer KH**. A Qualitative study of cultural dimensions regarding adherence to ART among patients with HIV in Chennai. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 359. Kumarasamy N, Solomon S, Cecilia A, Chaguturu S, Yepthomi T, Flanigan T, Balakrishnan P, Kalamalini A, **Mayer KH**. Impact of HAART on opportunistic infections and on survival of persons with HIV disease in Southern India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 360. Lionel J, Buck J, Gopalakrishnan G, Cu-Uvin S, Flanigan T, **Mayer K**, Jasper P. HIV and obstetric complications and fetal outcomes in Vellore, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 361. Sok P, Harwell JI, Lurie MN, Kong BN, Chi AK, Flanigan T, **Mayer KH**. Sex Outside of Marriage Among HIV+ Patients Seeking Care in Cambodia. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 362. Sumantera IGM, **Mayer KH**, Wirawan DN. Increasing VCT services utilization by providing medical care incentives in Denpasar, Bali, Indonesia. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 363. Pugatch D, O'Connell JV, Blanton E, Smith K, **Mayer K**, Flanigan TP, Brown LK, Lally M. Developing an HIV raid testing Initiative for youth. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 364. Ganesh AK, Kumarasamy N, Anitha Cecelia J, **Mayer KH**, Flanigan T, Solomon S. Impact of falling costs of antiretroviral therapy on VCT services: Experience from South India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 365. Safren SA, Kumarasamy N, James R, Raminani SR, Solomon S, **Mayer KH**. ART adherence, demographic variables, and CD4 outcomes among HIV-positive patients on antiretroviral therapy in Chennai, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.

- 366. Mimiaga MJ, Safren SA, Jones-Benet D, DeSousa N, Manseau M, Mayer KH. MSM in large-scale HIV prevention trials are sexual partners with each other: an ancillary study to HIVNET 015 (project Explore). XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 367. Srikrishnan AK, Easter Thamburaj J, Singal R, **Mayer K**, Solomon S. Cohort retention-findings from a study in Chennai, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 368. Akileswaran C, Macalino GE, Bhakta N, **Mayer K**, Kumarasamy N, Solomon S Sources of information about traditional therapies to treat HIV Seropositive patients in Chennia, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 369. Quach L, McGarvey S, **Mayer K**, Lurie M, Espocito C, Trinh H, Do P, Cao T, Dansereau L, Nguyen L, Nguyen TT, Bui DK. Knowledge, attitudes and practices about HIV treatment among physicians in Quang Ninh, Vietnam. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 370. Panchanadeswaran S, Srikrishnan AK, Sivaram SS, Johnson S, Go V, **Mayer K**, Solomon S, Celentano DD. Gender differences in STD prevalence and health seeking behavior in a random sample in India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 371. Safren SA, Martin C, SriKrishnan AK, Menon S, Mimiaga M, Solomon S, **Mayer KH**. A survey of MSM outreach workers in Chennai, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 372. Thamburaj EJ, Srikrishnan AK, Singal R, **Mayer KM**, Solomon S. Challenges in recruitment for research study at a Community-based Health Center in South India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 373. Celentano DD, SriKrishnan AK, Sivaram S, Balakrishnan P, Sripaipan T, Johnson S, Go VF, **Mayer K**, Solomon S. The HIV epidemic in Chennai (southern India) remains concentrated in high risk groups. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 374. Bhakta N, Macalino GE, Akileswaran C, **Mayer K**, Kumarasamy K, Solomon S. Indian traditional therapy use among HIV seropositive patients in Chennai, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 375. Smith JJ, **Mayer KH**, Sandman D, Frost KR. Antiretroviral use, side effects and adherence among HIV-infected persons in medical care in the U.S. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 376. Akileswaran C, Lurie MN, Flanigan T, **Mayer K** Lessons learned from experience with antiretroviral therapy in Africa. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 377. Buck J, Lionel J, Gopalakrishnan G. Cu-Uvin S, Flanigan T, **Mayer K**, Jasper P. Reproductive choices of HIV-positive women in Vellore, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 378. Buck J. Lionel J. Gopalakrishnan G, Cu-Uvin S, Flanigan T, **Mayer** K, Jasper P. Hepatitis B virus in antenatal clinics in Vellore, India. XV International AIDS Conference, Bangkok, Thailand, July 10-15, 2004.
- 379. Wakefield S, **Mayer K** HIV Vaccine Research: Opportunities to Learn and to Help. Lesbian Gay Bisexual Transgender Intersex Health Summit 2004, Cambridge, MA, August 25-29, 2004.
- 380. Applebaum J, **Mayer K**, Bertand T. STD and HIV in MSM. Lesbian Gay Bisexual Transgender Intersex Health Summit 2004, Cambridge, MA, August 25-29, 2004.

- 381. Carballo-Dieguez, **Mayer K**, McGowan I. The Search for the Magic Lube: Everything You Wanted to Know about Microbicide Research. Lesbian Gay Bisexual Transgender Intersex Health Summit 2004, Cambridge, MA, August 25-29, 2004.
- 382. Keita N, Beckerman J, Tripathi S, Drak G, Alxouma S, Kone M, **Mayer KH**, Lally MA, DeGroot AS. HIV Vaccine Knowledge, Attitudes, and Practice/Behavior survey in Bamako, Mali and Providence, Rhode Island. AIDS Vaccine 2004 International Conference, Lausanne, Switzerland, August 30-September 1, 2004.
- 383. Marcon L, Martin W, Franco JI, Bishop EA, Rivera D, Lally M. Kutzler M, Weiner DB, **Mayer KH**, DeGroot AS. Elicitation of De Novo T-Cell Responses in Mice Immunized with a Multi HIV-1 Epitipe Cross-Clade DNA Vaccine. AIDS Vaccine 2004 International Conference, Lausanne, Switzerland, August 30-September 1, 2004.
- 384. Cu-Uvin S, Snyder B, Hogan J, Hanley D, Ingersoll J, Aquila RD, DePasquale M, Kurpewski J, Cerezo J, Harwell J, Flanigan T, **Mayer K**, Carpenter CC, Caliendo A. Episodes of Detectable Intermittent HIV-1 RNA in the Genital Tract of Women with Sustained Undetectable Plasma Viral Load (<80 copies/mL). 42nd Annual Meeting of Infectious Disease Society of America, Boston, MA, September 30-October 3, 2004.
- 385. Cohen DE, Bill RD, Sciortino C, **Mayer KH**. A Clinical Trial of a New Rapid HIV Antibody Assay, HIV1 Hema-Strip: Results from a Boston Community Health Center (oral). 42nd Annual Meeting of Infectious Disease Society of America, Boston, MA, September 30-October 3, 2004.
- 386. Saghayam S, Kumarasamy N, Solomon S, Aliabadi N, Cecelia A, Balakrishnan P, Shivaji G, Flanigan T, **Mayer K**, Wanke C: Longitudinal changes in body shape and metabolic parameters in HIV-infected, treatment naive patients initiating NNRTI regimens in South India, 6th International Workshop on Adverse Drug Reactions and Lipodystrophy in HIV, Washington, DC, October 25-28, 2004.
- 387. Blackard JT, Smeaton L, Hiasa Y, Horike N, Onji M, Rodriguez I, **Mayer KH**, Chung RT. Detection of Hepatitis C Virus HCV) in Serum and Peripheral Blood Compartments of HIV⁻/HCV⁺ and HIV⁺/HCV⁺ Women. 55th Annual Meeting of the American Association for the Study of Liver Diseases, Boston, MA, October 29 November 2, 2004.
- 388. Kumarasamy N, Lai A, Cecelia A, Saghayam S, Solomon S, Flanigan T, Yepthomi T, Balakrishnan P, **Mayer K**: Toxicities and Adverse events following Generic HAART in South Indian HIV infected individuals, 7th International Congress on Drug Therapy in HIV infection, Glasgow, UK, November 14-18, 2004.
- 389. Kumarasamy N, Flanigan T, Vallabhaneni S, Cecelia A, Christybai P, Falakrishnan P, Solomon S, Carpenter C, **Mayer K**. Randomized Control Trial of Structured Interrupted Generic Antiretroviral Therapy vs Continuous Generic HAART in HIV+ Patients in Southern India: Data from 12-Month Follow Up. 12th Conference on Retroviruses and Opportunistic Infections, Boston, MA, February 22-25, 2005.
- 390. Balakrishnan P, Solomon S, Janardhanan M, Kumarasamy N, Venkatakrishnan B, Reddy S, Liaquath A, Cecelia A, Kailasom G, Panchacharam T, Ramratnam B, **Mayer KH**, Flanigan T. A Simple, Low-cost CD4 Assay for Monitoring HIV-infected Individuals in Resource-limited Settings: An Evaluation of Guava Easy CD4 Assay. 12th Conference on Retroviruses and Opportunistic Infections, Boston, MA, February 22-25, 2005.
- 391. Justman J, El-Sadr W, Mayer K, Maslankowski L, Hoesley C, Absalon J, Gai F, Masse B, Kwiecien A, Rooney J, Soto-Torres L, and HPTN 059 and 059 Protocol Team. Changes in Vaginal Flora Associated with Vaginal Microbicides: Cellulose Sulfate and Tenofovir. 12th Conference on Retroviruses and Opportunistic Infections, Boston, MA, February 22-25, 2005.
- 392. Uma S, Balakrishnan P, Murugavel KG, Srikrishnan AK, Kumarasamy N, Cecelia JS, **Mayer KH**, Celentano D, Thyagarajan SP, Solomon: Prevalence of Bacterial Vaginosis in Commercial Sex Workers in Chennai, India (poster), 1st National Conference of AIDS Society of India, New Delhi, India, April 2-4, 2005.

- 4

- 393. Kumarasamy N, Vallaghaneni S, Cecelia A, Solomon S, **Mayer KH**, Flanigan TP, Carpenter CCJ: Safety profile of d4T versus AZT-containing HAART regimens in HIV-infected persons in Chennai, India, f^t National Conference of AIDS Society of India, New Delhi, India, April 2-4, 2005.
- 394. Land A, Loparev VN, Dollard SC, Morozova O, Vankova O, Gardner LI, Klein RS, **Mayer K**, Rompalo A, Sobel J, Cannon MJ. Determinants of cytomegalovirus (CMV) viral presence and the host immune response (poster presentation). 10th International Cytomegalovirus/Betaherpesvirus Workshop, Williamsburg, VA, April 2005.
- 395. **Mayer KH**, Goldhammer H, Grasso C, Golub S, Novak D, Bertrand T. Sexually Transmitted Disease Trends in MSM Seen at a Boston Community Health Center, 1997-2004: Challenges and Hopes. 2005 National HIV Prevention Conference, Atlanta, GA, June 12-15, 2005.
- 396. Goldhammer H, Safren S, Driskell J, Knauz R, **Mayer KH**. Beliefs about Viral Load, Sexual Positioning, and Transmission Risk among HIV+ Men Who Have Sex with Men (MSM): Shaping a Secondary Prevention. 2005 National HIV Prevention Conference, Atlanta, GA, June 12-15, 2005.
- 397. Knauz RO, Safren SA, Driskell J, Aguilar D, Solomon L, Hobson J, **Mayer, KH**. Developing a Secondary Prevention Behavioral Intervention for HIV infected MSM within a Community Health Center. 2005 National HIV Prevention Conference, Atlanta, GA, June 12-15, 2005.
- 398. Merchant RC, **Mayer KH**, Becker BM. Offering and Receipt of HIV PEP in Rhode Island Emergency Departments. 2005 National HIV Prevention Conference, Atlanta, GA, June 12-15, 2005.
- 399. Safren SA, Goldhammer H, Knauz RO, Solomon L, Capistrant B, Driscoll J, Kissler B, **Mayer KH**. Feasibility and Acceptability of an HIV Prevention Intervention for HIV-infected MSM Incorporated into Their Primary Care. 2005 National HIV Prevention Conference, Atlanta, GA, June 12-15, 2005.
- 400. Safren SA, Kissler B, Capistrant B, Wilson I, **Mayer KH**. The Importance of Addressing Mental Health Needs in Self-Care Interventions in HIV. 2005 National HIV Prevention Conference, Atlanta, GA, June 12-15, 2005.
- 401. **Mayer KH**, Ducharme RB, Abbott D, Cavanaugh T. Optimizing Sexual Health For Men Who Have Sex With Men: The Providence Bathhouse Experience. 2005 National HIV Prevention Conference, Atlanta, GA, June 12-15, 2005.
- 402. Swarnalaskshmi S, Srikrishnan K, Ganesh K, Solomon S, **Mayer KH**. Community Advisory Boards--the Indian Experience. 7th ICAAP, Kobe, Japan, July 1-5, 2005.
- 403. Ganesh AK, Solomon S, **Mayer KH**. (oral presentation) Community Advisory Boards the Indian Experience. S.Swarnalakshmi, A. K. Srikrishnan, A. (SaD01-01). 7th ICAAP, Kobe, Japan July 1-5 2005.
- 404. Kumarasamy N, Snigdha V, Anitha Cecelia J, Yethomi T, Balakrishnan P, Suneetha, Flanigan T, Carpenter CCJ, Solomon S, **Mayer KH**. (poster presentation) Reasons for Modification of Generic Highly Active Antiretroviral Therapeutic regimen among Persons with HIV in Southern India. (SaPB0077). 7th ICAAP, Kobe, Japan July 1-5 2005.
- 405. Solomon S, Solomon S, Masse BR, Srikrishnan AK, Beauchamp G, Thamburaj E, Gulvady M, Anand S, Mayer KH. (oral presentation) Reduced Risk Taking Behavior and Low Incidence of HIV following Risk Reduction Counseling in a Cohort in South India. (MoC13-02) 7th ICAAP, Kobe, Japan July 1-5 2005.
- 406. Syed Iqbal H, Balakrishnan P, Solomon SS, Kumarasamy N, Krishnan AK, Cecelia JA, Jayakumar K, Mayer KH, Solomon S. Estimation of HIV-1 incidence in a VCT clinic in Chennai using Detuned Assay. (SuPA0026) 7th ICAAP, Kobe, Japan July 1-5 2005.

- 407. **Mayer K**, Goldhammer H, Cohen D, Grasso C, Bill R, Maldonado A, Vanderwarker R, Fisher A. Tenofovir/3TC for Non-Occupational Post-exposure Prophylaxis (NPEP): Improved tolerability and adherence compared to AZT/3TC (poster). 3rd IAS Conference on HIV Pathogenesis and Treatment, Rio de Janeiro, July 24-27, 2005.
- 408. Charles M, Boyle B, **Mayer KH**, Schechter M. Leveraging Western medical expertise to rapidly build healthcare systems for HIV/AIDS in developing Countries (poster). 3rd IAS Conference on HIV Pathogenesis and Treatment, Rio de Janeiro, July 24-27, 2005.
- 409. Malave M, Charles M. Boyle B, **Mayer KH**, Vun MC, Schechter M. The effectiveness of clinical mentoring as a method to improve HIV/AIDS clinical skills of healthcare professionals in Cambodia (poster). 3rd IAS Conference on HIV Pathogenesis and Treatment, Rio de Janeiro, July 24-27, 2005.
- 410. Kumarasamy N, Vallabhaneni S, Cecelia A, Yepthomi T, Balakrishnan P, Saghayam S, Flanigan T, Carpenter C, Solomon S, Mayer K. Reasons for modification of HAART: Nevirapine-based regimens versus non-neviraphine-based regimens data from Southern India (poster). 3rd IAS Conference on HIV Pathogenesis and Treatment, Rio de Janeiro, July 24-27, 2005.
- 411. Merchant RC, Phillips BZ, Becker BM, **Mayer KH**. Predictors of STD and Pegnancy Testing and Prophylaxis Usage for Adult Female Sexual Assault Survivors in Rhode Island. [abstract 166] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005. <u>Annals of Emergency Medicine</u>. 46(3) Supplement:S47, 2005.
- 412. Merchant RC, Chee KJ, **Mayer KH**, and Becker BM. Healthcare Worker Blood or Body Fluid Exposures and HIV Prophylaxis Provision at Rhode Island Emergency Departments. [abstract 331] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005. <u>Annals of Emergency Medicine</u>. 46(3) Supplement:S93, 2005.
- 413. Merchant RC, Lau TC, Mayer KH, and Becker BM. Adult Sexual Assault Evaluations at Rhode Island Emergency Departments, 1995-2001. [abstract 344] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005. Annals of Emergency Medicine. 46(3) Supplement:S97, 2005.
- 414. Manalo R, Tedeschi SK, Lally MA, Gaitanis MM, **Mayer K**, Shepardson S, Rich JD. Vaccination in Juvenile Correctional Facilities: State Laws, Hepatitis B, and the Impact on Anticipated Sexually Transmitted Infection Vaccines. The 13th Annual Hospital Research Celebration, Lifespan, Providence, RI, September 29, 2005
- 415. **Mayer, K**, Ducharme R. Optimizing sexual health for men who have sex with men: The Providence bathhouse experience. The 13th Annual Hospital Research Celebration, Lifespan, Providence, RI, September 29, 2005.
- 416. Merchant RC, Phillips BZ, **Mayer KH**, and Becker BM. Predictors of STD and Pregnancy Testing and Prophylaxis Usage for Adult Female Sexual Assault Survivors in Rhode Island EDs. [abstract 166] American College of Emergency Physicians Research Forum. Washington, DC. September 26-27, 2005 and Thirteenth Annual Research Celebration, Providence, RI, September 2005.
- 417. Merchant RC, **Mayer KH**, Becker BM, Pugatch DL, and Duffy SJ. Comparison of ED STD and pregnancy testing and prophylaxis utilization after pediatric sexual assault. [abstract 113458] American Public Health Association 133rd Annual Meeting & Exposition, New Orleans, LA. November 5-9, 2005.
- 418. Cummins J, Fichorova F, Roberts P, Richardson-Hamman N, Bromley C, Alfano M, Belec L, Chen S, Carbonneil C, Dezzutti C. Doncel G, Herold B, Hillier S, Landay S, **Mayer K**, et al, and members of the NIH

- Cytokine Advisory Panel, Microbicides Quality Assurance Program. Critical Path to Topical Microbicide Development: Pre-clinical Assessment of IL-1 β as a Biomarker for Mucosal Inflammation and Toxicity. 45th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC, December 13-14, 2005.
- 419. **Mayer K**, Henry K, Bush T, Groger R, Conley L, Kojic Erna, Mercer L, Cu-Uvin S, Richardson J, Brooks J. Asymptomatic Sexually Transmitted Infections (STI) and Risk Taking Behaviors are Commonly Detected among HIV-Infected Patients in Care: Lessons from the Study to Understand the Natural History of HIV/AIDS in the Era of Effective Therapy (SUN Study) Cohort. 13th Conference on Retroviruses and Opportunistic Infections, Denver. CO, February 5 9, 2006.
- 420. Mimiaga MJ, Goldhammer H, Safren SA, VanDerwarker R, Mayer KH. Health-risk-problems and Associated Behaviors Among HIV-infected and HIV-uninfected Men Who Have Sex with Men (MSM). 27th Annual Meeting of the Society of Behavioral Medicine, San Francisco, CA, March 22-25, 2006.
- 421. Tedeschi SK, Lally MA, Parekh MJ, Gaitanis MM, Mayer KH, Zimet GD. Attitudes of at-risk adolescents and their parents toward anticipated HPV and HIV vaccines. Poster (abstract 39). Society for Adolescent Medicine Annual Meeting, Boston, Massachusetts. March 22-25, 2006.
- 422. Merchant RC, Zabbo CP, **Mayer KH**, Becker BM. What factors affect antibiotics usage and admission for human bites? [Abstract 1183] 10th Annual New England Regional Society for Academic Emergency Medicine Research Center, Shrewsburyk, MA, March 30, 2006.
- 423. Charles M. Boyle B, **Mayer K**, Schechter M. Clinical Mentoring Prepares Healthcare Systems in Developing Countries to Meet Demand for HIV/AIDS Care (poster). Unite for the Site Global Health Conference, Yale University, New Haven, CT, April 1, 2006.
- 424. Murugavel KG, Balakrishnan P, Mohanakrishnan J, Bhavani V, Livant E, Kumarasamy N, Solomon SS, Pulimi S, **Mayer K**, Solomon S. Establishment of Normal Values of CD4 and CD8 Lymphocyte Subsets in Healthy Indian Adults for Micro-capillary Flow Cytometer (poster). Microbicides 2006, Cape Town, South Africa, April 23-26, 2006.
- 425. Morrow K, Rosen R, **Mayer K**, Maslankowski L, El-Sadr, W. The Effect of Formulation Factors on Vaginal Microbicide Acceptability: A meta-analysis of qualitative data from three Phase I clinical trials in the United States (poster). Microbicides 2006, Cape Town, South Africa, April 23-26, 2006.
- 426. Morrow M, Srikrishnan AK, Rosen R, Lakshmi S, Dhawan D, Solomon S, **Mayer K**. Acceptability of Vaginal Microbicide Use in Chennai, India; A Qualitative Study Among Low- and High-Risk Men (poster). Microbicides 2006, Cape Town, South Africa, April 23-26, 2006.
- 427. Carballo-Dieguez A, Lin P, Exner T, Dolezal C, Ventuneac A, Pickard R, **Mayer K**. Rectal Douches or Enemas as Delivery Vehicles for Rectal Microbicides (poster). Microbicides 2006, Cape Town, South Africa, April 23-26, 2006.
- 428. Rosen R, Morrow K, Lakshmi S, Srikrishnan AK, Dhawan D, Solomon S, Mayer. The Acceptability of Vaginal Microbicide Use among Women in Chennai: A Qualitative study conducted among low- and high-risk Women (poster). Microbicides 2006, Cape Town, South Africa, April 23-26, 2006.
- 429. **Mayer K**, Mimiaga MJ, Helms DJ, Bertrand T, Novak D, Grasso C, McLean C. Frequent Detection of Asymptomatic Sexually Transmitted Diseases (STD) among HIV-infected and High Risk HIV-uninfected MSM at a Boston Community Health Center (oral). 2006 National STD Prevention Conference, Jacksonville, FL, May 8-11, 2006.

- 430. Mimiaga MJ, Goldhammer H, Tetu A, VanDerwarker R, Bertrand T, Cranston K, Novak D, Rubinstein EP, Mayer KH. STD and HIV Knowledge and Responses to Prevention Messages and Men Who Have Sex with Men (MSM) (poster). 2006 National STD Prevention Conference, Jacksonville, FL, May 8-11, 2006.
- 431. Helms DJ, Mayer KH, Mimiaga MJ, Grasso C, Bertrand T, Novak D, Mosure DJ, McLean C. Gonorrhea and Chlamydia Test Positivity, and Syphilis Seroreactivity among Asymptomatic Men who have Sex with Men attending a Large Primary Care Clinic in Boston, 2003-2004 (poster). 2006 National STD Prevention Conference, Jacksonville, FL, May 8-11, 2006.
- 432. Novak DS, Bertrand T, Ratelle S, **Mayer KH**, VanDerwarker R, Mimiaga MJ. Using Research to Develop and Implement a Comprehensive Syphilis Elimination Plan for MSM in Massachusetts (poster). 2006 National STD Prevention Conference, Jacksonville, FL, May 8-11, 2006.
- 433. Cohen DE, Bill R, **Mayer KH**. Screening Anal Pap Smears and Findings on High-resolution Anoscopy (HRA) in the Fenway Community Health (FCH) Human Papillomavarus Clinic (poster). 2006 National STD Prevention Conference, Jacksonville, FL, May 8-11, 2006.
- 434. **Mayer KH**, Asymptomatic Sexually Transmitted Infections (STI) and Risk-Taking Behaviors are Commonly Detected among HIV-Infected Patients in Care: Lessons from the Study to Understand the Natural History of HIV/AIDS in the Ear of Effective Therapy (SUN Study) Cohort (oral). 2006 National STD Prevention Conference, Jacksonville, FL, May 8-11, 2006.
- 435. Wang B, Kumarasamy N, Divi N, Cecelia A, **Mayer K**, Lu Z, Wolf L, Flanigan T, Weinstein MC, Walensky RP, Freedberg KA, Losina E. Incidence of Opportunistic Infections (OIs) within Specific CD4 Strata in HIV-infected Patients in Southern India (poster). XVI International AIDS Conference, Toronto, Canada, August 13-18, 2006.
- 436. Kabeer KK, Koorapati P, Singh S, Solomon SS, Cecelia AJ, Solomon S, **Mayer KH**. Adherence to antiretroviral therapy among treatment-experienced patients at a community health center in Chennai, South India. XVI International AIDS Conference, Toronto, Canada, August 13-18, 2006.
- 437. Singh S, Cecelia AJ, Subbaraman R, James R, Kumarasamy N, **Mayer KH**, Solomon S. Challenging Indian realities: Characteristics of housewives receiving voluntary counseling and testing in Chennai, India. XVI International AIDS Conference, Toronto, Canada, August 13-18, 2006.
- 438. Subbaraman R, Singh S, Cecelia AJ, Solomon S, **Mayer KH**, Kumarasamy N. Resolution of anemia with HAART. XVI International AIDS Conference, Toronto, Canada, August 13-18, 2006.

~~