

CURRICULUM VITAE

Personal Information

Name: Cohen, Myron Scott
Phone: W: (919) 966-2536
Date and place of birth: May 7, 1950; Chicago, Illinois
Marital Status: Married, 2 children

Education:

BS (Summa Cum Laude)	University of Illinois	1969-1971
MD	Rush Medical College	1971-1974
Internship	University of Michigan	1974-1975
Residency	University of Michigan	1975-1977
Infectious Disease Fellow	Yale University	1977-1980

Employment History:

Yeargan-Bate Eminent Professor	7/1/13-present
Associate Vice Chancellor for Medical Affairs	7/1/07-present
Director, Institute of Global Health and Infectious Disease	7/1/07-present
Professor of Epidemiology, University of North Carolina	4/1/04-present
Director, UNC Center for Infectious Diseases	3/1/99-present
Professor of Medicine, Microbiology and Immunology	7/1/91-present
University of North Carolina at Chapel Hill	
Chief, Division of Infectious Disease, University of North Carolina at Chapel Hill	8/1/90-present
J. Herbert Bate Distinguished Professor	9/1/01-6/30/13
Sabbatical Scholar, London School of Hygiene and Tropical Medicine	2006
Sabbatical Scholar, Swiss Institute for Experimental Cancer Research; Lausanne, Switzerland	11/1/87-7/1/88
Associate Professor of Medicine, Microbiology and Immunology, University of North Carolina at Chapel Hill	7/1/85-6/30/91
Acting Director, Hospital Epidemiology, University of North Carolina at Chapel Hill	7/1/83-6/30/85
Assistant Professor of Microbiology and Immunology, University of North Carolina at Chapel Hill	7/1/80-6/30/85
Assistant Professor of Medicine, University of North Carolina at Chapel Hill	5/1/80-6/30/85

Certification and Licensure:

Medical Licenses:

North Carolina #24140
Michigan (inactive)
Connecticut (inactive)

Certification:

Diplomate, American Board of Internal Medicine, June 1977
Diplomate, Subspecialty of Infectious Disease, November 1982

Professional Societies:

American College of Physicians, Fellow
American Federation of Clinical Research
American Society for Microbiology
American Association for the Advancement of Science
Reticuloendothelial Society
Infectious Diseases Society of America, Fellow
Southern Society of Clinical Investigation
American Association of Immunology
American Society of Clinical Investigation
Association of Subspecialty Professors
American Clinical and Climatological Association
Association of American Physicians
Institute of Medicine, The National Academy of Science
American Academy of Microbiology, Fellow

Professional Service:

Editorial Board

Infection and Immunity (1980-85, 1990-1995)
Current Therapeutic Topics, UNC (1983-1986)
Infections in Medicine (1985-2000)
Clinical Reviews of Microbiology (Guest Editor), April 1989.
Sexually Transmitted Diseases (1995 -)
Post Graduate Medicine (Guest Editor, Sept 1995 STDS and HIV)
Chinese Journal of Sexually Transmitted Diseases (2004-)
Current Opinion in HIV and AIDS (2005 -)
UP to DATE (STDs) (2002 -)
Journal of Infectious Disease (2006 -)
JAIDS (2007-)

Editor

Sexually Transmitted Diseases, Associate Editor (2004 -)

Reviewer

American Journal of Medicine
American Journal of Cell Physiology
Annals of Internal Medicine Blood
Archives of Internal Medicine
Archives of Biochemistry & Biophysics
Blood
Clinical Research (Abstracts)
International Journal of Cancer
Institute of Medicine Reports
Journal of Biological Chemistry
Journal of Clinical Endocrine and Metabolism
Journal of Clinical Investigation
Journal of Immunology
Journal of Infectious Diseases

Journal of Leukocyte Biology
Journal of Pediatrics
Kidney International
Molecular Pharmacology
New England Journal of Medicine
Nature Immunology
Lancet

Special Honors & Awards:

Honorary Societies

1969 Phi Eta Sigma
1971 Phi Beta Kappa (Junior Year)
1973 Alpha Omega Alpha (Junior Year)

Honors

James Scholar Program, University of Illinois
American Medical Association Continuing Education Award
Jefferson Pilot Award
R.J. Reynolds Award
Rush Medical College Alumni Presentation, June 7, 1984
UNC Cofounders Day Presentation, October, 1984
Armen T. Wilson Orator, Delaware Academy of Medicine, May 9, 1985
W.H. Reynolds Award (Sabbatical leave, 1987-1988)
Fekety Lectureship, University of Michigan, 1998
Keynote Address, ISSTDR, Seville, Spain, 1998
Keynote Address, Australian STD Society, Adelaide, Australia, 1999
Distinguished Alumnus Award, Rush Medical College, May 1999
Keynote Address, The United Nations, World AIDS Day, December 1, 2000
America's Top Doctors, 2002-
America's Best Doctors, 2005-
Keenan Award, London School of Hygiene and Tropical Medicine, 2006
Lifetime Achievement Award, American Society of Venereal Diseases
NIH MERIT Award, 2005-2015
Class of 1943 Honorary Lecture, The University of Indiana, 2007
Keynote Address, CDC HIV Prevention Conference, Atlanta GA, Dec. 4, 2007
Keynote Address, The Eugene B. Mayer Society, UNC, Feb 21, 2008
O. Max Gardner Award, The University of North Carolina System, 2008
Keynote Plenary Lecture, IAS Mexico City, 2008
Keynote Address, State of North Carolina, World AIDS Day, 2008
"Great Teachers" Lecture, NIAID, March 11, 2009
Plenary Speaker, Keystone HIV Prevention Meeting, March 2009
Richard K Root Memorial Lecture, International Infectious Disease Society, March 2010
Special Plenary, ISSTDR, Quebec, July 2011
Hope is a Vaccine AWARD, GAIA, 2011
Science Magazine Breakthrough of the Year, 2011
Katerva Award Sustainable Development (Finalist), 2011
Triangle Business Journal Lifetime Achievement Award, 2011

Leo M Evers Memorial Lecture, NYU, 2011
 Andrew Kaplan Memorial Lecture, Retroviral Adherence Meeting, 2012
 Herb Pardes Award, Clinical Research Forum, 2012
 Association of American Physicians, Special plenary Lecture, 2012
 Arthur Ashe Memorial Lecture, Cornell, 2012
 Galkin Lecturer, Brown University, 2012
 Dyer Lecture, The National Institute of Health, 2012
 Keynote Address, Glasgow HIV Meeting, 2012
 Commencement Speaker, University of North Carolina at Chapel, 2012
 Special Citation, Infectious Disease Society of America, 2012
 Tarheel of the Year, The Raleigh News and Observer, 2012
 Keynote Address, Keystone HIV Vaccines, 2013
 Smadel Lectureship Award, IDSA, 2013
 Keynote address, HIV in the Americas, San Paolo Brazil, 2013
 The North Carolina Award in Science, 2013 (the highest civilian honor in the State)
 The UNC School of Medicine Berryhill Lecture, 2014
 The UNC General Alumni Association Faculty Service Award, 2015
 UNC School of Medicine Commencement Address, 2015

Grants Funded:

American Cancer Society Institutional Grant IN-1520

Jefferson-Pilot Award: 1982-1986

NIH Award A15036: Phagocyte Defenses at the Mucosal Surface, 1983-1988, 1988-1991.

Cystic Fibrosis Foundation Grant: Pathogenesis of Pseudomonas Infection in CF-RSG (Component 2) Cystic Fibrosis. 1988-1989

NIH Award I-ROI AM33200: Vitamin D, Calcium Metabolism and Phagocytic Cells (with T.K. Gray, M.D.) 1983-1986. Renewal 1987-1990

NSF Award DCB-8616115: Application of Spin Trapping to Phagosomal Events. 1987-1990, 1991-1992

NIH Award AI23939: Phagocytes, Free Radicals and Cellular Consequences. 1988-1993

NIH Award U01AI31496: UNC-NIH Cooperative STI Research Center Core Lab Director, P.I. - M.S. Cohen. Project 3 - A human challenge study of *N. gonorrhoeae*, 1991-1994, 1994-99, 1999-2004.

NIH Award AI13496: UNC STI Cooperative Research Center 2004-2009 Project 1-STD and HIV-Co-transmission

Agency for International Development: AIDSCAP, STD Subcontract, P.I. - M.S. Cohen
1992-1996, Project IMPACT Cooperating Partner,
1997-2002, 2002-2007

NIH Award RO1 DK49381 HIV in Semen - Effects of STDs and antiviral
agents, 1996-1999, 2000

**NIH MERIT Award R37 DK49381 HIV in Semen- Effects of STDS and antiviral agents
(2005-2015)**

NIH STD-CTU NO1-AI-75329 PI, 1997-2006

NIH HIVNET AI-3517-3412 PI, 1997-2002

NIH HPTN AI-40085 Executive Committee, 1999-2013

NIH HPTN AI 40085 Co-PI, 2012-2021

**UNC NIH Center for AIDS Research Associate Director, Myron S. Cohen, 1997-2000,
2000-2005, 2006-2011**

NIH Center for HIV Immunology Director Core B, Senior Leadership Group 2005-2012

NIH Training Grant AI07151: Pathogenesis of Infectious Disease Preceptor 1980-
1997, PI 1997-2003, 2003-2008

NIH Training Grant AI07001: Sexually Transmitted Diseases Preceptor 1980-
present. Acting Director 1986-1987

NIH Fogarty Training Center Training for HIV/STD Research 1998-
2003, 2004-2009, 2010-15: Co-Director

Jackson Foundation STD Control RV81, 1994-1999

USAID TASC3 2007-2012

ATPM STD Preventive Medicine Fellowship, PI 1995 (Kimberly Fox)

ATPM STD Preventive Medicine Fellowship, PI 1996 (Arlene Sena)

ATPM STD Preventive Medicine Fellowship, PI 1997 (M. Blocker)

ATPM STD Preventive Medicine Fellowship, PI 2001 (A. Edozien)

ATPM STD Preventive Medicine Fellowship, PI 2004 (Cindy Gay)

Sponsored Awards

Rose G. Snipes

The American Kidney Fund Award, 1983
The Carolina Program for the Minorities, 1984-1986

Bradley Britigan	The Burroughs Wellcome Award of the Infectious Disease Society of America, 1985-87 The American Society for Microbiology, Travel Scholarship
Douglas Mesler	The Kuomo Award for Outstanding Student Research, UNC School of Medicine
Patricia Leong R.D. Weber	Student Research Award 1983, UNC School of Dentistry National Research Service Award, HIV and Monocytic Phagocytes, 1989-1991
J. S. Serody	National Research Service Award, Phagocyte Cells and Free Radical Biology - 1991-92
Susan Isbey	National Rosen Service Award, LOS of <i>N. gonorrhoeae</i> 1995-96
K. Bean, V. Richardson, P. Yount	NSF Research Experience for Undergraduates
Charles Lin (UCSF) 2005	NIH Ellison Fellowship (China)
Susan Wong (Pittsburgh) 2006	NIH Ellison Fellowship (China)
Kate Muessig (Johns Hopkins) 2007	NIH Ellison Fellowship (China)
Rachel Pearline (Tulane) 2008	NIH Ellison Fellowship (China)
Mat Robinson (Northwestern) 2009	Doris Duke Fellowship (China)
Jia Ji (Ohio State) 2008	NIH Ellison Fellowship (China)
Helena Chang (Wisconsin) 2009	NIH Ellison Fellowship (China)
Joseph Tucker (Harvard) 2006-	NIH Fogarty Fellow, ASTPH Award (China)
Kai Sun (Washington, SL) 2009-10	Doris Duke (China)
Ben Wang (UCSF) 2010-11	Doris Duke (China)
Alberta Chang (Baylor) 2010-11	NIH Ellison Fellowship (China)

Committees (Selected):

UNC School of Medicine

Pharmacy and Therapeutics, 1980-2000
Ad Hoc Committee on the Clinical Oncology Faculty, 1979-1985
Committee on the Evaluation of the Clinical Microbiology Training Program, 1979-
University Committee on UNC-China Exchange Programs, 1979-
N.C. Memorial Intensive Care Committee, 1983-1985
UNC School of Medicine Faculty Awards Committee, 1983-1987
UNC Medical Science Lecture Committee, 1984-, Chairperson 1990-
UNC Faculty Council, 1985-1988
UNC Committee on Research, 1987-1990

Clinical Cancer Program Advisory Committee, 1989-1995
Ad Hoc Committee, Comprehensive Cancer Center
Chancellor's Task Force on AIDS, 1994, State of North Carolina
Chairman, North Carolina Medical Society STD & AIDS Committee, 1985-1990
Member, State Health Committee on AIDS 1999-2003
President, North Carolina Infectious Diseases Society 2001-2002
Director, UNC Mini-Medical School, 1999-2002
Dean's Advisory Committee, 1999-

Grant and Awards Review Committees

Awards Committee, Rush Medical College, 1985-1990
Ad Hoc Reviewer, Veterans Administration Career Development and Merit Review Awards
Welcome Foundation Review Committee, Ad Hoc Reviewer
Ad Hoc Reviewer, NIAID
Ad Hoc Reviewer, National Science Foundation
Chairperson, NIH Ad hoc Study Section: NCDDG for the Treatment of AIDS, 1990-92
Ad Hoc Reviewer, U.S. Department of Agriculture
Chairperson, NIH ACTG Review for Opportunistic Infections, 1991
Veterans' Administration Infectious Disease Research Review Committee, 2001-
Ad Hoc Reviewer, Fogarty AITRP, 2003-
NIH MIDRC Study Section, 2004, 2005
Chairperson, NIH HIT-IT Study Section, April, 2009

Meeting Planning Committees

Chairperson, Free Radical Workshop, 8th Annual International Congress of Immunology, Budapest, Hungary.
Director, Keystone Symposium, April 17-23, 1995; STDs in the HIV Era
Scientific Program Committee, International Society for STD Research, New Orleans, 1995
Scientific Program Committee, 10th International Pathogenic Neisseria Conference, Baltimore, MD, 1996
Scientific Program Committee, International Society for STD Research, Seville, Spain, 1997
ISSTDR Planning Committee, 1998-2005
Program Committee, Infectious Disease Society of America, 2001-2004
Program Committee, 8th World STI/STD Congress, Uruguay, SA.
Organizer, First Sino-American HIV Research Meeting, Beijing, China, 2002
HIV Transmission Prevention, Toronto, Canada 2006 (Co-Chair)
CDC HIV Testing, Washington DC, 2007
IAS Australia Program Committee
Gates Foundation HIV Prevention, Washington DC 2007- (Co-Chair)
ASM HIV Drug Resistance Initiative (Chair)

National and International Committees

Institutional Representative, The American Federation for Clinical Research, 1980-1990
Counselor, American Federation for Clinical Research (Southern Region), 1986-1989
Chairperson, Infectious Disease Subsection, ASCI, 1989
American College of Physicians; MKSAP10 (Infectious Diseases)
CDC Review Committee, 1994

NIAID Mucosal Immunology Think Tank, Washington DC, participant, 1997
IDSA Training Program Committee, 1997-2000
HIVNET Vaccine Development Committee, 1997
Fogarty Workshop Steering Committee, 1998
IDSA Editor Search Committee-Clinical Infectious Diseases, IDSA, 1999
USF International HIV Prevention Committee, 1998
Board of Directors, ISSTD, 1999-2005
Member, Institute of Medicine Committee on HIV Prevention Strategies, 1999-2000
HIVNET (HPTN) ART Working Group Chair, 1999-
CDC STD Guidelines, 2000
CDC ART Research Working Group, 2000
Office of AIDS Research International Advisory Committee, 2001-
CDC Postexposure Prophylaxis Guidelines Committee, 2001
IDSA Program Committee 2002-2005
Advisory Board, Institute of Human Virology (UM), 2005-
Advisory Board, Harvard AIDS Institute, 2005
Member, Institute of Medicine Committee on Gulf War Infections, 2005-2006
CDC HIV Prevention Advisory, 2005
USPH-IDSA HIV Prevention Guidelines, 2007
SAB, Emory University CFAR, 2006-
SAB, University of Cincinnati CFAR, 2007
HIV Transmission Meeting Board, 2009-
IAS Capetown Track C Co-Chair, Scientific Planning Committee, 2009
Chair, Genome Wide Association and HIV Acquisition, OAR, NIH 2009
CDC External Advisory Committee, April 2009
CDC Review Panel, Detection of AHI, April 2009
AIDS 2031 Advisory Committee, Lancet Special Issue, 2010
WHO HIV Ad Hoc Advisory Committee, 2011
CDC HIV Ad Hoc Advisory Committee, 2012
UNAIDS Science Panel, 2013 –
IAS Program Committee, 2015

US Government Advisory Committees

NIH AIDS Research Advisory Committee 2011-2014
PEPFAR Scientific Advisory Board 2011-
NIH Office of AIDS Research 2011-2014

Teaching Responsibilities:

Yale School of Medicine:

Director of Physicians Associates Studies, Department of Medicine, 1979-1980
Preceptor in Physical Diagnosis, 1979
Microbiology Course Director, Physicians Associate Program, 1977-1979

University of North Carolina School of Medicine:

Residents Report 1980-
Lectures on Antimicrobial Agents to Medical Students
Lecturer in Bacteriology 120, 1981-
Lecturer in Immunology 114, 1981-

Lecturer in MEDS-PEDS 429, 1981-
 Lecturer in Medical Microbiology for first-year medical students
 Lecturer in Medical Immunology for first-year medical students
 Lab Instructor in Medical Immunology for first-year students
 Participation in Infectious Disease Clinical Conferences and Fellows Conference
 University of North Carolina Annual Internal Medicine Symposium, 1980-
 AHEC presentations, 1980-
 Course Director (with Steven Haskill) Graduate immunology seminar in phagocyte structure and function, 1986

Educational Training Activities:

Master's Thesis Advisor:	Patty Leong, D.D.M., Rachel Davis, Marie-Christine Piriou
Ph.D. Thesis Co-Advisor:	Susan Kaydos, Matthew Price, Kimberly Powers, Brook Levandowski, Lillian Brown, Kate Muessig, Zhu Hao, Margaret Kumi Smith
Thesis Committees:	Lynne Bristol, Ellen Ahoe, Sarah Sporn, John Woods, Marcia Hobbs, Linda Levin, Dianna Johanson, Richard Pierce, Wilfrida Behets, Nan Guyer, Jan Deese
Postdoctoral Fellows:	Bradley E. Britigan, M.D. (Infectious Diseases) Rose G. Snipes, M.D. (Endocrinology) Susan Saviteer, M.D., MPH. (Epidemiology) Kai-Song Fu, (Microbiology) Geetha Sivam, M.D. (Endocrinology) Blonnie Thompson, Ph.D. (Immunology) Sovitj Pou (Organic Chemistry) Daniel Hassett, Ph.D. (Microbiology) Robert D. Weber (Infectious Diseases) Mao Jingh, MD (Microbiology) Jon Serody, MD (Infectious Diseases) Tim Alcorn, PhD (Microbiology) Zheng Heyi, MD (Microbiology) Michael Gunther, PhD (Microbiology) Susan Isbey, MD (Infectious Diseases) Kimberly Fox, MD (Infectious Diseases) Arlene Seña, MD (Infectious Diseases) Srilatha Edupuganti, MD (Infectious Diseases) Michael Blocker, MD (Infectious Diseases) Heidi Swygard, MD, MPH (Infectious Diseases) Shannon Galvin, MD (Infectious Diseases) Cynthia Gay (Infectious Diseases)
Medical Students	Cindi Hall, John Sheline, Doug Mesler, Paige Wallend, Julie Haizlip, Sabina Shu, William Fischer, Joe Tucker

NIH F32	Lillian Brown, Kate Muessig
Undergraduates	Karen Bean, Vicky Richardson, Pamela Yount
Visiting Scholars	Yaachov Chai, Israel Institute for Biological Research Tanwer Syed Ahmed, Department of Physiology Lund University, Malmö University Hospital, Sweden Hemant Kulkarni, MD, University of Nagpur, India Alvaro Pascual, MD, University of Seville, Spain Rebecca Baggaley (LSHTM)
NIH (K23)	Holly Jordan, Angela Kashuba, Jennifer Webster- Cyriaque, Mina Hosseinipour, Alex Duncan, Joseph Tucker
ATPMH	Joseph Tucker (Harvard)
Welcome Trust	Rebecca Baggaley (TSTMH)
NIH Re-entry	Kristine Torjeson

Publications: (Articles in bold focus on development of treatment of HIV infection for prevention)

Articles in peer-reviewed journals (chronological order)

1. **Cohen MS**, Brook CJ, Naylor B, Plouffe J, Silva J, and Weg JG. Pulmonary phycomycetoma in a patient with diabetes mellitus. *Am Rev Resp Dis* 116:519-523, 1977.
2. **Cohen MS** and Walker S. The nervous system in systemic lupus erythematosus. *Mich Med J* 44(2):65-69, 1978.
3. **Cohen MS**, Steere AC, Baltimore R, Von Graevenitz A, Pantelick E, Camp B, and Root RK. Possible nosocomial transmission of Group Y *Neisseria meningitidis* among oncology patients. *Ann Int Med* 91:7-13, 1979.
4. **Cohen MS**, Zakhireh B, Metcalf JA, and Root RK. Granulocyte function during lithium therapy. *Blood* 53:913-915, 1979.
5. Zakhireh B, Thakur ML, Malech HL, **Cohen MS**, Gottschalk A, and Root RK. *In vitro* evaluation of Indium-111 labeled neutrophils. *J Nuclear Med* 20:478-753, 1979.
6. **Cohen MS**, Metcalf JA, and Root RK. Regulation of oxygen metabolism in human granulocytes: Relationship between stimulus binding and oxidative response. *Blood* 55:1003-1010, 1980.
7. **Cohen MS**, Ryan JL, and Root RK. The oxidative metabolism of thioglycollate elicited mouse peritoneal macrophages: The relationship between oxygen, superoxide and hydrogen peroxide. *J Immunol* 127:1007-1011, 1980.

8. **Cohen MS**, Isturiz RE, Mallech HL, Root RK, Wilfert CM, Gutman L, and Buckley RH. Fungal infection in chronic granulomatous disease: The importance of the phagocyte in defense against fungi. *Am J Med* 71:59-67, 1981.
9. **Cohen MS**, Casals G, Hsiung GD, Kwei H, Chin C, Ge H, Hsiang C, Lee PW, Gibbs CJ, and Gajdusek DC. Epidemic hemorrhagic fever in Hubei Province, The People's Republic of China: A clinical and serological study. *Yale J Biol Med* 54 (1):51-55, 1981.
10. Finkelstein E, Rosen GE, Patton S, **Cohen MS**, and Rauckman EJ. Effect of modification of cytochrome c on its reactions with superoxide and NADPH: Cytochrome P-450 reductase. *Biochem Biophys Res Comm* 102:1008-1015, 1981.
11. Henderson GE and **Cohen MS**. Are biomedical exchange programs inside the People's Republic of China feasible? Report of a six month study at Hubei Provincial Medical College. *Yale J Biol Med* 54(1):11-20, 1981.
12. **Cohen MS**. After the Revolution: Medicine in China. *American College of Physicians Observer* I, p. 1, 1981.
13. **Cohen MS**, Peacock Jr. JE, Ross DW, and Boxer L. Automated cytochemical staining in the detection of Chediak-Higashi neutrophils. *J Infect Dis* 145:771, 1982.
14. **Cohen MS**, Taffett S, and Adams DO. The relationship between competence for secretion of H₂O₂ and completion of tumor cytotoxicity by BCG-elicited murine macrophages. *J Immunol* 128:1781-1785, 1982.
15. Peacock Jr. JE, Ross DW, and **Cohen MS**. Automated cytochemical staining and inflammation. Further assessment of the "left shift". *Am J Clin Path* 78:445-449, 1982.
16. **Cohen MS**, Shirley PS, and DeChatelet LR. Further evaluation of luminol enhanced luminescence in the diagnosis of disorders of leukocyte oxidative metabolism: Role of myeloperoxidase. *Clin Chem* 29:513-515, 1982.
17. **Cohen MS**, Elliott DM, Pike M, Chaplinski T, and Niedel J. A defect in the oxidative metabolism of human PMNs harvested during hemodialysis: Further evidence for a neutrophil subpopulation. *Blood* 60:1283-1289, 1982.
18. DeChatelet LR, Long GD, Shirley PS, Bass DA, Thomas MM, Henderson FW, and **Cohen MS**. Mechanism of the luminol-dependent chemiluminescence of human neutrophils. *J Immunol* 129:1589-1593, 1982.
19. Parmalee DE, Henderson GE, and **Cohen MS**. Medical practice in Yugoslavia and China: Comparison and contrasts. *Social Science and Medicine* 15:1389-1397, 1982.
20. Henderson GE and **Cohen MS**. Health care delivery in the People's Republic of China: A view from inside the system. *Am J Public Health* 72:1238-1246, 1982.
21. Peacock Jr. JE, Folds J, Orringer G, Luft B, and **Cohen MS**. *Toxoplasma gondii* and the compromised host: Antibody response in the absence of clinical manifestations of disease. *Arch Int Med* 143:1235-1237, 1983.

22. **Cohen MS**, Cooney MH, Blackman E, and Sparling PF. *In vitro* susceptibility of penicillin-sensitive and penicillin-resistant *Neisseria gonorrhoeae* to third generation cephalosporins. *Antimicrob Agents Chemother* 24:597-599, 1983.
23. **Cohen MS** and Henderson GE. The Chinese Hospital. *Ann Int Med* 99:564-565, 1983.
24. **Cohen MS** and Henderson GE. Medical care in the People's Republic of China: Available but expensive. *Ann Int Med* 99:727-728, 1983.
25. **Cohen MS**, Kwei HS, Chin CC, and Ge HC. Central nervous system manifestations of epidemic hemorrhagic fever: An advanced manifestation of disease associated with poor prognosis. *Arch Int Med* 143:2070-2077, 1983.
26. Tracy SL, McGinnis MR, Peacock Jr JE, **Cohen MS**, and Walker DH. Disseminated infection with *Aspergillus terreus*. *Am J Clin Path* 80:728-733, 1983.
27. **Cohen MS**, Walls S, Jaques PF, and Walker D. A fatal eosinophilic process in a Laotian refugee. *Am J Clin Path* 80:38-743, 1983.
28. Dodd RC, **Cohen MS**, Newman SL, and Gray TK. Vitamin D metabolites change the phenotype of monoblastic U937 cells. *Proc Natl Acad Sci USA* 80:7538-7541, 1983.
29. Poole MD, Postma D, **Cohen MS**. Pyogenic otorhinologic infections in acquired immune deficiency syndrome. *Arch Otorhinolaryng* 110:130-313, 1984.
30. Shafer WM, Joiner K, Guymon LF, **Cohen MS**, and Sparling PF. Serum sensitivity of *Neisseria gonorrhoeae*: Role of lipopolysaccharide. *J Infect Dis* 149:175-183, 1984.
31. **Cohen MS** and Gray TK. Phagocytic cells metabolize 25(OH)D₃ *in vitro*. *Proc Natl Acad Sci USA* 91:931-934, 1984.
32. Black JR and **Cohen MS**. Gonococcal osteomyelitis: A case report and review of the literature. *Sex Trans Dis* 11:96-99, 1984.
33. **Cohen MS** and Cooney MH. A bacterial respiratory burst: Human serum stimulates the oxidative metabolism of *Neisseria gonorrhoeae*. *J Infect Dis* 150:49-57, 1984.
34. Leone PA, Schwab JS and **Cohen MS**. Interaction of the peptidoglycan-polysaccharide complex of the cell wall of *Group A* streptococci and human polymorphonuclear neutrophils: Potential mechanisms for chronic inflammation and infection. *Infect Immun* 45:160-165, 1984.
35. Peacock JE, McGinnis MR, and **Cohen MS**. Persistent neutrophilic meningitis: Report of four cases and a review of the literature. *Medicine* 63:379-395, 1984.
36. Leong PA, Schwab JH, **Cohen MS**. Group A streptococcal peptidoglycan-polysaccharide inhibits the bacterial activity of human polymorphonuclear leukocytes. *Infect Immun* 45:160-165, 1984.
37. **Cohen MS**, Barranco SF, and Washton HE. A multicenter trial of cefoperazone in the therapy of bacterial infection in the United States. *Am J Med* 77:35-41, 1984.

38. Dodd RC, Newman SL, Bunn PA, Winkler CF, **Cohen MS**, and Gray TK. Lymphokine induced differentiation as a possible mechanism for hypercalcemia associated with adult T-cell lymphoma. *Cancer Res* 45:2501-2506, 1985.
39. Britigan BE and **Cohen MS**. Effect of growth in serum on uptake of *Neisseria gonorrhoeae* by human neutrophils. *J Infect Dis* 152:330-8, 1985.
40. Britigan BE, Chai Y, and **Cohen MS**. Metabolic, structural, and pathogenic changes of *Neisseria gonorrhoea* exposed to human serum: An alternative view of the interaction between bacteria and the host. In: *The Pathogenic Neisseria*. G.K. Schoolnick (ed.), ASM, Washington, D.C., p. 445-452, 1985.
41. **Cohen MS**, Leone PA, Simpson DM. Phagocytic cells and periodontal disease: Periodontal status of patients with chronic granulomatous disease in childhood. *J Periodontology* 56:611-617, 1985.
42. Gray TK, Millington D, **Cohen MS**, Williams ME, and Dodd RC. Identification of 19-nor, 10-keto 25(OH)D by mass spectrometry as a principle phagocyte derived metabolite. *Proc Natl Acad Sci USA* 82:8218-8221, 1985.
43. Britigan BE, Chai Y, and **Cohen MS**. Effects of human serum on the growth and metabolism of *Neisseria gonorrhoeae*: An alternative view of serum. *Infect Immun* 50:738-744, 1985.
44. Snipes RG, Lam KW, Dodd RC, Gray TK, and **Cohen MS**. Acid phosphate activity in mononuclear phagocytes and the U937 cell line: Monocyte-derived macrophages express tartrate-resistant acid phosphatase. *Blood* 67:729-734, 1986.
45. **Cohen MS**, Mesler DE, Snipes RG, and Gray TK. 1,25-dihydroxyvitamin D₃ activates H₂O₂ secretion by human monocytes. *J Immunol* 136:1049-1053, 1986.
46. Britigan BE, Rosen GM, Chai Y, and **Cohen MS**. Do human neutrophils make hydroxyl radical? Determination of free radicals generated by human neutrophils activated with a soluble or particulate stimulus using electron paramagnetic resonance spectrometry. *J Biol Chem* 261:4426-4431, 1986.
47. Britigan BE and **Cohen MS**. Effects of human serum on bacterial competition with neutrophils for molecular oxygen. *Infect Immun* 52:657-663, 1986.
48. Britigan BE, Thompson BY, Chai J, Rosen GM, and **Cohen MS**. Stimulated human neutrophils limit iron catalyzed hydroxyl radical formation as detected by spin trapping techniques. *J Biol Chem* 261:17026-17052, 1986.
49. Gray TK, D'Amico C, Kaplan R, Dodd RC, Mesler D, and **Cohen MS**. Mononuclear phagocytes secrete a protein that resorbs devitalized bone particles. *Bone and Mineral Res* 1:235-245, 1986.
50. Gui X-E, Ho M, **Cohen MS**, Wang Q-L, Huang HP, Xie Q-X. Hemorrhagic fever with renal syndrome: Treatment with recombinant interferon alpha. *J Infect Dis* 155:1047-1051, 1987.
51. Snipes RG, Ways K, D'Amico CN, Sivam G, Gray TK, and **Cohen MS**. The metabolite 1,25-dihydroxyvitamin D₃ enhances lymphokine-mediated activation of the oxidative metabolism of the

- U937 cell line and phosphorylation of a 48kD respiratory burst-associated protein. *Blood* 70:1639-1644, 1987.
52. Sivam G, **Cohen MS**, Dodd KC, and Gray TK. 17-Beta-Estradiol inhibits oxidative metabolism of the U937 cell indirectly via its action on lymphocytes. *Endocrinol* 121:853-857, 1987.
 53. Weiner RE, **Cohen MS**, and Hoffer PB. Influence of various factors on labeling of polymorphonuclear leukocytes with GA-67. *Nucl Med Biol* 14:523-528, 1987.
 54. **Cohen MS**, Chai Y, Svendsen TD, McKenna WR, and Britigan BE. Role of extracellular iron in the action of the guanine antibiotic streptonigrin on the killing of *Neisseria gonorrhoeae*: Mechanisms of action and resistance. *Antimicrobial Agents Chemother* 31:1507-1513, 1987.
 55. **Cohen MS**, Britigan BE, French M, and Bean K. Lactoferrin secretion in human vaginal mucus: Variation during the menstrual cycle and implications for gonococcal infection. *Am J Obstet Gynecol* 157:1122-1125, 1987.
 56. Gray TK, Kleckner NW, Malloy PJ, Feldman D, Sivam G, Dodd RC, and **Cohen MS**. Biological activity of 19-nor, 10-keto, 25-hydroxyvitamin D₃. *J Bone and Mineral Res* 2:413-420, 1987.
 57. Hassett DJ, Britigan BE, Svendsen T, Rosen GM, and **Cohen MS**. Bacteria form intracellular free radicals in response to paraquat and streptonigrin: Demonstration of the potency of hydroxyl radical. *J Biol Chem* 262:13404-13408, 1987.
 58. **Cohen MS** and Britigan BE. Metabolic response of *Neisseria gonorrhoeae* to human serum and myeloid cells: Adaptation to host defenses. *Anton Leeuwenhoek* 53:545-550, 1987.
 59. Thompson B, Rosen GM, and **Cohen MS**. The O₂ metabolism of the HL-60 cell line: Comparison of the effects of monocytoïd and neutrophilic differentiation. *J Leuk Biol* 43:140-147, 1988.
 60. Britigan BE, Klapper D, Svendsen T, Bean K, and **Cohen MS**. Phagocyte derived lactate stimulates the metabolism of *Neisseria gonorrhoeae*: An unrecognized aspect of the O₂ metabolism of phagocytosis. *J Clin Invest* 81:318-324, 1988.
 61. Rosen GM, Britigan BE, **Cohen MS**, Ellington SP, and Barber M. Detection of phagocyte-derived free radicals with spin-trapping techniques: Effects of temperature and cell metabolism. *Biochim Biophys Acta* 969:236-241, 1988.
 62. Britigan BE, Coffman TJ, Adelberg DR, and **Cohen MS**. Mononuclear phagocytes have the potential for sustained hydroxyl radical production: Use of spin-trapping techniques to investigate mononuclear phagocyte free radical production. *J Exp Med* 168:2367-2372, 1988.
 63. Britigan BE, Hassett DJ, Rosen GM, Hamill DR, and **Cohen MS**. Neutrophil degranulation inhibits potential hydroxyl-radical formation. *Biochem J* 264:447-55, 1989.
 64. Weber RD, Britigan BE, Svendsen T, and **Cohen MS**. Energy is required for adherence of *Neisseria gonorrhoeae* to phagocytic and non-phagocytic cells. *Infect Immun* 57:785-790, 1989.

65. Cantoni O, Cattabeni F, Pou S, **Cohen MS**, and Cerutti P. Chelation of intracellular calcium ions prevents hydrogen peroxide induced DNA breakage and cytotoxicity. *European J Biochem* 192:209-212, 1989.
66. Fu K-S, Hassett DJ, and **Cohen MS**. Oxidant stress in *Neisseria gonorrhoeae*: Adaptation and effects on L(+)- lactate dehydrogenase activity. *Infect Immun* 57:2173-2178, 1989.
67. Pou S, Hassett DJ, Britigan BE, **Cohen MS**, and Rosen GM. Problems associated with spin trapping oxygen-centered free radicals in biological systems. *Analyt Biochem Anal Biochem* 177:1-6, 1989.
68. Rosen GM, Hassett DJ, Yankaskas JR, and **Cohen MS**. Detection of free radicals as a consequence of dog tracheal epithelial cellular xenobiotic metabolism. *Xenobiotica* 19:635-43, 1989.
69. Hassett DJ, Bean K, Biswas G, and **Cohen MS**. The role of hydroxyl radical in chromosomal and plasmid damage in *Neisseria gonorrhoeae in vivo*. *Free Rad Res Comm* 7:83-87, 1989.
70. Pou S, Rosen GM, Britigan BE, and **Cohen MS**. Intracellular spin trapping of O₂-centered radicals generated by human neutrophils. *Biochem Biophys Acta* 991:459-464, 1989.
71. Pou S, **Cohen MS**, Britigan BE, and Rosen GM. Human neutrophils and spin trapping: Limits of detection of hydroxyl radical. *J Biol Chem* 264:12299-12302, 1989.
72. Pegram PS, Phair JP, McMahan R, Murphy RL, Gordon LI, Washton H, Faubion C, Saviteer S, and **Cohen MS**. Prospective comparative trial of short course (four day) and continuous tobramycin in combination with cefoperazone or mezlocillin in febrile, granulocytopenic patients. *J Antimicrob Chemother* 24:591-604, 1989.
73. Hassett DJ, Charniga L, and **Cohen MS**. *recA* and catalase in H₂O₂-mediated stress in *Neisseria gonorrhoeae*. *J Bacteriol* 172:7293-7295, 1990.
74. **Cohen MS**, Britigan BE, Chai YW, Pou S, Roeder TL, and Rosen GM. Phagocyte-derived free radicals stimulated by ingestion of iron rich *S. aureus*: A spin trapping study. *J Infect Dis* 163:419, 1991.
75. Britigan BE, Serody JS, Hayek MB, and **Cohen MS**. Uptake of lactoferrin by mononuclear phagocytes inhibits their ability to form hydroxyl radical and protects them from membrane autoperoxidation. *J Immunol* 147:4271-7, 1991.
76. Chamulitrat W, **Cohen MS**, and Mason RP. Free radical formation from organic hydroperoxides in isolated human polymorphonuclear neutrophils. *Free Rad Biol Med* 11:439-45, 1991.
77. Hassett DJ, Charniga LM, Bean K, and **Cohen MS**. Antioxidant defense mechanisms in *Pseudomonas aeruginosa*: Resistance to the redox-active antibiotic pyocyanin and demonstration of a manganese cofactor superoxide dismutase. *Infect Immun* 60:328-36, 1992.
78. Ramos CL, Pou S, Britigan BE, **Cohen MS**, and Rosen GM. Spin trapping evidence for myeloperoxidase-dependent hydroxyl radical formation by human neutrophils and monocytes. *J Biol Chem* 267:8307-8312, 1992.

79. Zheng H-Y, Hassett DJ, Bean K, and **Cohen MS**. Regulation of catalase in *N. gonorrhoeae*: effects of oxidant stress and exposure to human neutrophils. *J Clin Invest* 90:1000-6, 1992.
80. **Cohen MS**, Mao J, Rasmussen GT, Serody JS, Britigan BE. Interaction of lactoferrin and Lipopolysaccharide (LPS): Effects of the antioxidant property of lactoferrin and the ability of LPS to prime human neutrophils for enhanced superoxide formation. *J Infect Dis* 166:1375-8, 1992.
81. Zheng H-Y, Alcorn TM, **Cohen MS**. Effects of H₂O₂-producing lactobacilli on *Neisseria gonorrhoeae* growth and catalase activity. *J Clin Invest* 90:1000-6, 1992.
82. Serody JS, Mill MR, Detterbeck FC, Harris DT, **Cohen MS**. Blastomycosis in transplant recipients: Report of a case and review. *Clin Infect Dis* 16:54-8, 1993.
83. Gunther MR, Mao J, **Cohen MS**. Oxidant-scavenging activities of ampicillin and sulbactam and their effects on neutrophil functions. *Antimicrob Agents Chemother*, 37:950-6, 1993.
84. Pou S, Gunther MR, Pou WS, Cao GL, Bator JM, **Cohen MS**, Burch RM, Rosen GM. Effect of NPC 15669, an inhibitor of neutrophil recruitment and neutrophil-mediated inflammation, on neutrophil function in vitro. *Biochem Pharmacol* 45:2123-7, 1993.
85. Hassett DJ, Woodruff WA, Wozniak DJ, **Cohen MS**, Ohman DE. Cloning and characterization of *Pseudomonas aeruginosa sodB* encoding iron-cofactored superoxide dismutase. *J Bacteriol* 175:7658-7665, 1993.
86. **Cohen MS**. Molecular events in the activation of human neutrophils for microbial killing. *Clin Infect Dis*. 18(suppl 2):170-179, 1994.
87. Rosen GM, Pou S, Britigan BE, **Cohen MS**. Oxygen radicals in biological systems part C. *Methods in Enzymology* 233:105-111, 1994.
88. Eron JJ, Burkle W, **Cohen MS**. Managing pneumonia: Impact of new macrolide antibiotics. *Hospital Formulary* 29:122-136, 1994.
89. **Cohen MS**, Cannon JG, Jerse AE, Charniga L, Isbey SF, Wicker L. Human experimentation with *Neisseria gonorrhoeae*: Rationale, methods and implications for the biology of infection and vaccine development. *J Infect Dis* 169:532-537, 1994.
90. Wright C, Jerse AE, **Cohen MS**, Cannon JG, Seifert HS. Different DNA sequences are detected when complex mixtures of variable gene sequences are amplified by PCR and directly sequenced. *J Clin Microbiol* 32(2):464-468, 1994.
91. Pou S, Ramos CL, Gladwell T, Renks E, Centra M, Young D, **Cohen MS**, Rosen GM. A kinetic approach to the selection of a sensitive spin trapping system for the detection of hydroxyl radical. *Anal Biochem* 217:76-83, 1994.
92. Jerse AE, **Cohen MS**, Drown PM, Whicker LG, Isbey SF, Seifert HS, Cannon JG. Multiple gonococcal opacity proteins occurs during experimental urethral infection in the male. *J Exp Med* 179:911-920, 1994.

93. Alcorn TM, Zheng H-Y, Hassett DJ, **Cohen MS**. Variation in hydrogen peroxide sensitivity between different strains of *Neisseria gonorrhoeae* is independent of catalase activity. *Infect Immun* 62(5):2138-2140, 1994.
94. Seifert HS, Wright CA, Jerse AE, **Cohen MS**, Cannon JG. Multiple gonococcal pili antigenic variants are produced during experimental human infections. *J Clin Invest* 93:2744-2749, 1994.
95. Vernazza PL, Eron JJ, **Cohen MS**, van der Horst CM, Troiani L, Fiscus SA. Detection and biologic characterization of infectious HIV-1 in semen of seropositive men. *AIDS* 8:1325-1329, 1994.
96. Lule G, Behets FM-T, Hoffman IF, Dallabetta G, Hamilton HA, Moeng S, Liomba G, **Cohen MS**. STD/HIV control in Malawi and the search for affordable and effective urethritis therapy: A first field evaluation. *Genitourin Med* 70(6):384-388, 1994.
97. Woodman RC, Newburger PE, Anklesaria P, Erickson RW, Rae J, **Cohen MS**, Curnutte JT. A new x-linked variant of chronic granulomatous disease characterized by the existence of a normal clone of respiratory burst-competent phagocytic cells. *Blood* 85:231-241, 1995.
98. Behets F M-T, Liomba G, Lule G, Dallabetta G, Hoffman IF, Hamilton HA, Moeng S, **Cohen MS**. Sexually transmitted diseases/human immunodeficiency virus control in Malawi: A field study of genital ulcer disease. *J Infect Dis* 171(2):451-455, 1995.
99. Gunther MR, Hanna PM, Mason RP, **Cohen MS**. Hydroxyl radical formation from cuprous ion and hydrogen peroxide: A spin trapping study. *Arch Biochem Biophys* 316:515-522, 1995.
100. Stamm WE, Hicks CB, Martin DH, Leone P, Hook EW, Cooper R H, **Cohen MS**, et al. Azithromycin for empiric treatment of nongonococcal urethritis: a randomized, double-blind study. *JAMA* 274:545-549, 1995.
101. Haizlip J, Isbey SF, Hamilton H, Jerse AE, Leone Pa, Davis RH, **Cohen MS**. Time required for elimination of *N. gonorrhoeae* from the urogenital tract after symptomatic urethritis: Comparison of oral and intramuscular therapy. *Sex Transm Dis* 22:145-148, 1995.
102. Jethwa HS, Schmitz JL, Dallabetta G, Behets F, Hoffman I, Hamilton H, **Cohen MS**, Folds JD. Comparison of molecular and microscopic techniques for detection of *Treponema pallidum* in genital ulcers. *J Clin Microbiol* 33:180-183, 1995.
103. Behets FM-T, Desormeaux J, Joseph D, Adrien M, Coicou G, Dallabetta G, Hamilton HA, Moeng S, Davis H, **Cohen MS**, Boulos R. Control of sexually transmitted diseases in Haiti: Results and implications of a baseline study among pregnant women living in Cité Soleil shantytowns. *J Infect Dis* 172:764-771, 1995.
104. **Cohen MS**. HIV and sexually transmitted diseases: The physician's role in prevention. *Postgrad Med J* 98:52-64, 1995.
105. Behets F M-T, Williams Y, Brathwaite A, Hylton-Kong T, Hoffman IF, Dallabetta G, Ward E, **Cohen MS**, Figueroa JP. Management of vaginal discharge in women treated at a Jamaican sexually transmitted disease clinic: Use of diagnostic algorithms versus laboratory testing. *Clin Infect Dis* 21:1450-1455, 1995.

106. **Cohen MS**, Henderson GE, Hamilton H, Aiello P, Zheng H, Brandt A. Eradication of syphilis in China--Lessons for the 20th century? *J Infect Dis.* 174(Suppl.2) S223-230, 1996.
107. Dyer J, Gilliam B, Eron JJ, **Cohen MS**, Fiscus S. Quantitation of human immunodeficiency virus type I RNA in cell free seminal plasma: comparison of NASBA with Amplicor reverse transcription-PCR amplification and correlation with quantitative culture. *J Virol Methods* 60:161-170, 1996.
108. Desormeaux J, Behets F, Adrien M, Coicou G, Dallabetta G, **Cohen MS**, Boulos R. Introduction of Partner Referral and Treatment for Control of Sexually Transmitted Diseases in a Poor Hatian Community. *Int J STD & AIDS* 7: 502-506, 1996.
109. Eron JJ, Gilliam B, Fiscus S, Dyer J, **Cohen MS**. HIV-1 shedding and chlamydial urethritis (letter). *JAMA* 275: 36, 1996.
110. Dyer J, Gilliam B, Eron JJ, **Cohen MS**, Fiscus S, and Vernazza P. Shedding of HIV in semen during primary HIV infection. *AIDS* 11(4):543-545, 1997.
111. Gilliam BL, Dyer JR, Fiscus SA, Marcus C, Zhou S, Wathen L, Freimuth WW, **Cohen MS**, Eron JJ. Effects of reverse transcriptase inhibitor therapy on HIV-1 viral burden in semen. *J AIDS* 15:54-60, 1997.
112. Royce, AR, Seña, A, Cates, W and **Cohen MS**. Sexual transmission of HIV. *N Engl J Med* 336(15): 1072-1078, 1997.
113. Vernazza PL, Gilliam BL, Flepp M, Dyer JR, Franc AC, Fiscus SA, **Cohen MS** and Eron, JJ. Effect of antiviral treatment on shedding of HIV-1 in semen. *AIDS* 11:1249-1254, 1997.
114. Cates W, Chesney M, and **Cohen MS**. Primary HIV disease: A public health emergency. *Am. J Public Health* 87(12):1928-1930, 1997.
115. Vernazza PL, Gilliam BL, Dyer J, Fiscus SA, Eron JJ, Frank AC, and **Cohen MS**. Quantification of HIV in semen: Correlation with antiviral treatment and immune status. *AIDS* 11:987-993, 1997.
116. Daly CC, Hoffman I, Hobbs M, Maida M, Zimba D, Davis R, Mughogho G, and **Cohen MS**. Development of an antimicrobial susceptibility surveillance system for *Neisseria gonorrhoeae* in Malawi: Comparison of methods. *J Clin Microbiology* 35:2985-2988, 1997.
117. **Cohen MS**, Hoffman IF, Royce RA, Kazembe P, Dyer JR, Zimba D, Vernazza PL, Costello-Daly C, Maida M, Fiscus SA, and Eron JJ. Reduction of Concentration of HIV-1 in semen after treatment of urethritis: Implications for prevention of sexual transmission of HIV-1. *Lancet* 349:1868-1873, 1997.
118. Isbey SF, Alcorn TM, Davis RH, Haizlip J, Leone PA, **Cohen MS**. Characterisation of *Neisseria gonorrhoeae* in semen during urethral infection in men. *Genitourin Med* 73:378-382, 1997.
119. Schmitz JL, Jenkins PR, McKee KT, Hoffman IF and **Cohen MS**. Comparison of LCR and EIA for detection of *C. trachomatis* in the urine of men with urethritis. *J Clin Microbiology* 35(11):2985-8, 1997.

120. Behets F, Ranaivo A, Andrimiadana J, Andriamahefazafy B, May J, Andriamahenina N, **Cohen MS**, Rasamindrakotroka A. High treponemal seroprevalence among adult hospitalized patients in Tuléar, Madagascar. *Venerology* 10:84-87, 1997.
121. Dyer JR, Eron JJ, Hoffman IF, Kazembe P, Vernazza PL, Nkata E, Costello-Daly C, Fiscus SA, and **Cohen MS**. Association of CD4 depletion and seminal plasma HIV-1 RNA concentrations with genital ulcer disease in HIV-1 infected men in Malawi. *J Infect Dis* 177:224-7, 1998.
122. Dyer JR, Vernazza PL, Gilliam B, Zimba D, Hoffman IF, Royce RR, Fiscus SA, Kazembe P, *Cohen MS* and Eron JJ. High levels of human immunodeficiency virus type 1 in blood and semen of seropositive men in sub-Saharan Africa. *J Infect Dis* 177:1742-1746, 1998.
123. **Cohen MS**, Hoffman I. Sexually transmitted diseases enhance transmission of HIV: No longer a hypothesis. *Lancet* 351 (suppl. III): 5-7, 1998.
124. Fiscus SA, Vernazza PL, Gilliam B, Dyer J, Eron JJ, **Cohen MS**. Factors associated with changes in HIV shedding in semen. *AIDS Research and Human Retroviruses* 14 (suppl. 1): S27-S31, 1998.
125. Cornelissen CN, Kelley M, Hobbs MM, Anderson JE, Cannon JG, **Cohen MS**, Sparling PF. The transferrin receptor expressed by gonococcal strain FA1090 is required for experimental infection of human male volunteers. *Mol Microbiol* 27(3):611-616, 1998.
126. Green M, Hoffman IF, Brathwaite A, Wedderburn M, Figueroa P, Behets F, Dallabetta G, Hoyo C, **Cohen MS**. Improving sexually transmitted disease management in the private sector: the Jamaica experience. *AIDS* 12(suppl 2):S67-S72, 1998.
127. Behets F, Génécé E, Narcisse M, Dallabetta G, **Cohen MS**. Approaches to control sexually transmitted diseases Haiti from 1992 through 1995. *WHO Bulletin* 74:s123-S127, 1998.
128. Eron JJ, Vernazza PL, Johnston DM, Seillier-Moiseiwitsch F, Alcorn TM, Fiscus SA, **Cohen MS**. Resistance of HIV-1 to antiretroviral agents in blood and seminal plasma: Implications for transmission. *AIDS* 12(15):F181-F189, 1998.
129. Johannsen DB, Johnston DM, Koymen HO, **Cohen MS**, Cannon JG. A *Neisseria gonorrhoeae* IgA1 protease mutant is infectious in the human challenge model of urethral infection. *Infect. Immun.* (in press), 1998.
130. Green M, Hoffman IF, Brathwaite A, Wedderburn M, Figueroa JP, Behets F, Dallabetta G, Hoyo C, **Cohen MS**. Improving STD management in the private sector: the Jamaican experiment. *AIDS* 12:S67-S72, 1998.
131. Dallabetta G, Behets F, Lule G, Hoffman I, Hamilton H, Wangel AM, Moeng S, **Cohen MS**, Liomba G. Specificity of dysuria and discharge complaints and presence of urethritis in male patients attending an STD clinic in Malawi. *Sex Transm Infect* 74(suppl 1):S34-S37, 1998.
132. Fox KK, Thomas JC, Weiner DH, Davis RH, Sparling PF, **Cohen MS**. Longitudinal evaluation of serovar-specific immunity to *Neisseria gonorrhoeae*. *Am J Epidemiol* 149(4):353-358, 1998.
133. **Cohen MS**, Cannon JG. Human experimentation with *Neisseria gonorrhoeae*: progress and goals. *J.Infect. Dis.* 179 (suppl 2):S375-9, 1999.

134. Pierce RL, Thomas JC, Sparling PF, Fisher W, Davis RH, Alcorn T, **Cohen MS**. An epidemiological evaluation of the use of microbiological tools for identifying gonorrhoea infection networks. *International Journal of STD & AIDS*. 10(5):316-23, 1999.
135. Hobbs MM, Kazembe P, Reed AW, Miller WC, Nkata E, Daly CC, Chakraborty H, **Cohen MS**, Hoffman IF. *Trichomonas vaginalis* as a cause of urethritis in Malawian men. *Sex Transm Dis* 26(7):381-387, 1999.
136. Hoffman IF, Jere CS, Taylor TE, Munthali P, Dyer JR, Wirima JJ, Rogerson SJ, Kumwenda N, Eron JJ, Fiscus SA, Chakraborty H, Taha TE, **Cohen MS**, Molyneux ME. The effect of *Plasmodium falciparum* malaria on HIV-1 RNA blood plasma concentration. *AIDS* 13:487-494, 1999.
137. Ping LH, Nelson JAE, Hoffman IF, Schock J, Lamers SL, Goodman M, Vernazza P, Kazembe P, Maida M, Zimba D, Goodenow MM, Eron JJ, Fiscus SA, **Cohen MS**, Swanstrom R. Characterization of V3 sequence heterogeneity in subtype C HIV-1 isolates from Malawi: underrepresentation of X4 variants. *J Virol* 73(8):6271-6281, 1999.
138. Pereira AS, Kashuba ADM, Fiscus SA, Hall JE, Tidwell RR, Troiani L, Dunn JA, Eron JJ, **Cohen MS**. Antiretroviral therapy and HIV-1 in semen: relationship between drug concentration and viral burden. *J Infect Dis* 180 (6):2039-43, 1999.
139. Behets F, Andriamiadana J, Randrianasolo D, Randriamanga R, Rasamilalao D, Chen C-Y, Weiss J, Morse S, Dallabetta G, **Cohen MS**. Chancroid, primary syphilis, genital herpes, and lymphogranuloma venereum in Antananarivo, Madagascar. *J Infect Dis* 180(4):1382-2, 1999.
140. Vernazza PL, Troiani L, Flepp MJ, Cone RW, Schock J, Roth F, Boggian K, **Cohen MS**, Fiscus SA, Eron JJ, and the Swiss HIV Cohort Study. Potent antiretroviral treatment of HIV-infection results in suppression of the seminal shedding of HIV. *AIDS* 14(2):117-21, 2000.
141. Shepard RN, Schock J, Robertson K, Shugars DC, Dyer J, Vernazza P, Hall C, **Cohen MS**, Fiscus SA. Quantitation of HIV-1 RNA in different biological compartments. *J Clin Micro* 38(4):1414-8, 2000.
142. Pereira AS, Kenney KB, **Cohen MS**, Hall JE, Eron JJ, Tidwell RR, Dunn JA. Simultaneous determination of lamivudine and zidovudine concentrations in human seminal plasma using high-performance liquid chromatography-tandem mass spectrometry. *J Chromatog*, 742:173-183, 2000.
143. **Cohen MS**, Shugars DC, Fiscus SA. Limits on oral transmission of HIV-1, *Lancet* 356(9226):272, 2000.
144. Ping LH, **Cohen MS**, Hoffman IF, Vernazza P, Seillier-Moiseiwitsch F, Chakraborty H, Kazembe P, Zimba D, Maida M, Fiscus SA, Eron JJ, Swanstrom R, Nelson J.A.E. Effects of Genital Tract Inflammation on HIV-1 V3 Populations in Blood and Semen, *J Virology* 74(19):8946-52, 2000.
145. Maida MJ, Costello Daly C, Hoffman I, **Cohen MS**, Kumwenda M, Vernazza PL. Prevalence of hepatitis C infection in Malawi and lack of association with sexually transmitted diseases. *European Journal of Epidemiology* 16:1183-1184, 2000.

146. Kelley M, Weber DJ, Gilligan P, **Cohen MS**. Breakthrough pneumococcal bacteremia in patients on azithromycin/clarithromycin therapy. *Clin Infect Dis* 31:1008-11, 2000.
147. Jordan HL, Pereira AS, **Cohen MS**, Kashuba ADM. Domestic Cats as Models for Predicting Human Nucleoside Analogue Pharmacokinetics in Blood and Seminal Plasma. *Antimicrobial Agents and Chemotherapy* 45:2173-2176, 2001.
148. Joiner KA, Dismukes WE, Britigan BE, **Cohen MS**, Johnson WD, Karchmer AW, Mandell GL, Stamm WE. Adequacy of fellowship training: Results of a survey of recently graduated fellows. *Clin Infect Dis* 32(2):255-62, 2001.
149. Robbins WA, Witt KL, Haseman JK, Dunson DB, Troiani L, **Cohen MS**, Hamilton CD, Perreault SD, Bishop JB and the RTP Germ Cell Working Group. Effects of antiretroviral therapy on genetic and morphological endpoints in lymphocytes and sperm of people with HIV infection. *J Infect Dis* 184(2):127-35, 2001.
150. Chakraborty H, Sen PK, Helms RW, Vernazza PL, Fiscus SA, Eron JJ, Patterson BK, Coombs RW, Krieger JN, **Cohen MS**. Viral burden in genital secretions determines male-to-female sexual transmission of HIV-1: A probabilistic empiric model. *AIDS* 15:621-627, 2001.
151. Behets F, Miller WC, **Cohen MS**. Syndromic treatment of gonococcal and chlamydial infection in women seeking primary care for genital discharge syndrome: decision-making. *Bulletin of the World Health Organization* 79 (11): 1070-1075, 2001.
152. Behets F, Andriamiadana J, Rassamilalao D, Ratsimbazafy N, Randrianasolo D, Dallabetta G, **Cohen MS**. Sexually transmitted infections and associated socio-demographic and behavioral factors in women seeking primary care suggest Madagascar's vulnerability to rapid HIV spread. *Tropical Medicine and International Health* 6:202-211, 2001.
153. Hamrick TS, Dempsey JAF, **Cohen MS**, Cannon JG. Antigenic variation of gonococcal pilin expression in vivo: analysis of the strain FA1090 pilin repertoire and identification of the pilS gene copies recombining with pilE during experimental human infection. *Microbiology* 147:839-849, 2001.
154. Robbins WA, Witt KL, Haseman JK, Dunson DB, Troiani L, **Cohen MS**, Hamilton CD, Perreault SD, Libbus B, Beyler SA, Raburn DJ, Tedder ST, Shelby MD, Bishop JB. Antiretroviral therapy effects on genetic and morphologic end points in lymphocytes and sperm of men with human immunodeficiency virus infection. *J Infect Dis* 184:127-35, 2001.
155. Pereira AS, Kenney KB, **Cohen MS**, Eron JJ, Tidwell RR, Dunn JA. Determination of amprenavir concentrations in human seminal plasma using high performance liquid chromatography and tandem mass spectrometry. *J Chromatog.* 766:307-317, 2002.
156. Behets F, Andriamiadana J, Randrianasolo D, Rasamilalao D, Ratsimbazafy N, Dallabetta G, **Cohen MS**. Laboratory Diagnosis of Sexually Transmitted Infections in Women with Genital Discharge in Madagascar: Implications for Primary Care. *Int J STD & AIDS*: 13: 606-611, 2002.
157. Kaydos SC, Swygard H, Wise SL, Seña AC, Leone PA, Miller WC, **Cohen MS**, Hobbs MM. Development and validation of a PCR-based enzyme-linked immunosorbent assay with urine for use

- in clinical research settings to detect *Trichomonas vaginalis* in women. J Clin Microbiol 40:89-95, 2002.
158. Pereira AS, Kenney KB, **Cohen MS**, Hall JE, Eron JJ, Tidwell RR, Dunn JA. Simultaneous determination of lamivudine and zidovudine concentrations in human seminal plasma and using high-performance liquid chromatography and tandem mass spectrometry. J Chromatog 742:173-183, 2002.
159. Reddy YS, Gotzkowsky SK, Eron JJ, Kim JY, Fiske WD, Fiscus SA, Petch, L, **Cohen MS**, Kashuba, ADM. Pharmacokinetic and pharmacodynamic investigation of efavirenz in the semen and blood of human immunodeficiency virus type 1-infected men. J Infectious Diseases 186:1339-43, 2002.
160. Feng, T, Ni, A Yang, G, Galvin, SR, Hoffman, I and **Cohen MS**. Distribution of the CCR5 gene 32-base pair deletion and CCR5 expression in Chinese minorities. J Acquir Immune Defic Syndr Feb 1; 32: 121-4, 2002.
161. Parish WL, Laumann, EO, **Cohen MS**, Pan S. Zheng H, Hoffman I, Wang T, Ng KH. The emergent epidemic of STDs in China: a population-based study of behavioral and demographic correlates and implications for public health policy. JAMA 289: 1265-73, 2003.
162. Price MA, Zimba D, Hoffman IF, Kaydos-Daniels SC, Miller WC, Martinson F, Chilongozi D, Kip E, Msowoya E, Hobbs MM, Kazembe PN, **Cohen MS**. The addition of treatment for trichomoniasis to the syndromic management of urethritis in Malawi: a randomized clinical trial. Sexual Transmitted Disease 30: 516-522, 2003.
163. Kaydos-Daniels SC, Miller WC, Hoffman I, Banda T, Dzinyemba W, Martinson F, **Cohen MS**, Hobbs MM. Validation of a urine-based PCR-ELISA for use in clinical research settings to detect trichomonas vaginalis in men. J Clin Micro 41(1): 318-23, 2003.
164. Blocker ME, Krysiak RG, Behets F, **Cohen MS**, Hobbs MM. Quantification of Chlamydia trachomatis elementary bodies in urine by ligase chain reaction. J Clin Microbiology 40: 3613-3614, 2003.
165. Hoffman IF, Martinson FE, Stewart PW, Chilongozi DA, Leu SY, Kazembe PN, Banda T, Dzinyemba W, Joshi P, **Cohen MS**, Fiscus SA. Human immunodeficiency virus type 1 RNA in breast-milk components. J Infect Dis 188:1209-12, 2003.
166. Kaydos-Daniels, SC, Miller, WC, Hoffman, I, Price, MA, **Cohen MS**, Namakwha, David, Gama, S, Phakati, S, Chilongozi, D, Hobbs, MM. The use of specimens from various genitourinary tract site in men to detect T. vaginalis infection. J Infect Disease 189:1926-1931, 2004.
167. Pilcher CD, Price MA, Hoffman IF, Galvin SR, Martinson FEA, Kazembe PN, Eron JJ, Miller WC, Fiscus SA, and **Cohen, MS**. Frequent detection of acute primary HIV infection in men in Malawi. AIDS 18: 1-8, 2004.
168. Pilcher CD, Tien HC, Eron JJ, Vernazza PL, Leu S, Stewart PM, Goh L, and **Cohen MS**. Brief but Efficient: Acute HIV Infection and the Sexual Transmission of HIV J. Infect. Dis. 189: 1785-1792, 2004.

169. Huang Y, Henderson GE, Pan, S and **Cohen, MS**. HIV/AIDS Risk among Brothel based Female Sex Workers in China: Assessing the terms, content and knowledge of sex work. *Sex Transm Dis* 11:695-700, 2004.
170. Henderson GJ, Fiscus SA, Hoffman I, McGrath K, **Cohen MS**, Swanstrom R. HIV-1 Populations in blood and breast milk are similar. *Virology* 330: 295-303, 2004.
171. Min SS, Corbett AH, Rezk N, Cu-Uvin S, **Cohen MS**, and Kashuba ADM. Protease inhibitors and non-nucleoside reverse transcriptase inhibitor concentrations in the genital tract of HIV-1 infected women. *J. AIDS* 37: 1577-1580, 2004.
172. Price MA, Miller WC, Kaydos-Daniels SC, Hoffman IF, Chilongozi D, Martinson FE, Namakwha D, Malanda J and **Cohen MS**. Male trichomoniasis and HIV infection: data from two outpatient clinics in the Lilongwe Central Hospital, Malawi. *J Infect Disease* 190: 1448-55, 2004.
173. Hoyo C, Hoffman I, Moser B, Hobbs MM, Kazembe P, Krysiak RG, and **Cohen, MS**. Improving the accuracy of syndromic diagnosis of genital ulcer disease in Malawi. *STD* 32: 231-237, 2005.
174. Tucker JD, Henderson GE, Wang TF, Huang Y, Parish W, Pan S, Chen XS, and **Cohen MS**. Surplus men, sex work, and the spread of HIV in China. *AIDS* 19: 539-547, 2005.
175. Price MA, Hoffman IF, Chilongozi D, Martinson FEA, Tembo T, **Cohen MS**. Collecting the essence of man: Semen collection for HIV transmission studies in sub-Saharan Africa. *Sex Transm Infect.* 205: 185-6, 2005.
176. Pilcher CD, Fiscus SA, Nguyen NQ, Foust E, Wolf E, Williams D, Ashby R, Owen O'Dowd J, McPherson JT, Stalzer B, Hightow L, Miller WC, Eron JJ, **Cohen MS**, and Leone P. Detection of acute HIV infections in the general HIV testing population in North Carolina. *N Engl J Med* 352: 1873-83, 2005.
177. Grant RM, Buchbinder S, Cates W, Clarke E, Coates TJ, **Cohen MS**, Delaney M, Flores G, Giocochea P, Gonzales G, Harrington M, Lama J, MacQueen K, Moore JP, Peterson L, Sanchez J, Thompson M, Wainberg MA. Promote chemoprophylaxis research, don't prevent it. *Science* 309: 2170-71, 2005.
178. Petch LA, Hoffman IF, Jere CS, Kazembe PN, Martinson FE, Chilingozi D, Fiscus SA, **Cohen MS**. Genotypic analysis of the protease and reverse transcriptase of HIV type 1 subtype C isolates from antiretroviral drug-naive adults in Malawi. *AIDS Res Hum Retroviruses* 21(9):799-805, 2005.
179. Miller WC, Swygard H, Hobbs MM, Ford CA, Hancock MS, Morris M, Schmitz JL, **Cohen MS**, Harris KM, Udry JR. The prevalence of trichomoniasis in young adults in the United States. *Sex Transm Dis* 32:593-8, 2005.
180. Gallo MF, Behets F, Steiner MJ, Hobbs MM, Hatzell T, VanDamme K, Ralimamonjy L, Raharimalala L and **Cohen MS**. Prostate-Specific Antigen to Ascertain Reliability of Self-Reported Coital Exposure to Semen. *Sexually Transmitted Diseases.* 33(8):476-479, 2006.
181. Price MA, Stewart SR, Miller WC, Behets F, Dow WH, Martinson FEA, Chilongozi D, and **Cohen MS**. The cost-effectiveness of treating trichomoniasis to avert HIV transmission in men seeking STI care in Malawi. *JAIDS* 43: 202-9, 2006.

182. Berman S and **Cohen MS**. STD treatment: How can it improve HIV prevention in the South. *STD* 33 50-57, 2006.
183. Hobbs MM, Lapple DM, Lawing LF, Schwebke JR, **Cohen MS**, Schwebke JR, Atashili J, Leone PA, Miller WC, and Seña A. Methods for detection of *Trichomona vaginalis* in the male partners of infected women: implications for control of trichomonas in men. *J. Clin Micro* 44:3994-9, 2006.
184. Seña AC, Miller WC, Hobbs MM, Schwebke JR, Leone PA, Swygard, H, Atashili, **Cohen, MS**. Methods for detection of *Trichomona vaginalis* in the male sexual partners: diagnosis, treatment and prevention. *Clin Infect Dis* 44: 13-22, 2007.
185. Pettifor AE, Hudgens MG, Levandowski BA, Rees HV and **Cohen MS**. Highly efficient HIV transmission to young women in South Africa: New clues to the HIV pandemic *AIDS* 27:861, 2007.
186. Fiscus SA, Pilcher CD, Miller WC, Powers KA, Hoffman IF, Price M, Chilingozi D, Mapanje C, Krysiak R, Gama S, Martinson FEA, **Cohen MS**, and Malawi-University of North Carolina Project Acute HIV Infection Study Team. Rapid real time detection of acute HIV infection in patients in Africa *J Infect Dis* 195: 416-424, 2007.
187. Hosseinipour, MC, Napravnik S, Joaki G, Gama JS, Mbeye N, Banda B, Martinson FEA, Hoffman I, and **Cohen MS**. HIV and parasitic infection and the effect of treatment among adult outpatients in Malawi. *J Infect Dis* 195:1278-85, 2007.
188. Chen ZQ, Zhang GC, Gong XD, Lin C, Gao X, Liang GJ, Yue XL, Chen XC, **Cohen MS**. Syphilis in China: Results of the national surveillance program from the Chinese Center for STD Control, Nanjing, China. *Lancet* 369:132-8, 2007.
189. Pilcher CD, Joaki G, Hoffman IF, Martinson FEA, Mapanje C, Stewart PW, Powers KA, Galvin S, Chilongozi D, Gama S, Price MA, Fiscus SA, and **Cohen MS**. Amplified transmission of HIV-1: Comparison of HIV-1 concentrations in blood and semen in acute and chronic infection. *AIDS* 21: 1723-30, 2007.
190. Powers KA, Miller WC, Pilcher CD, Mapanje C, Martinson FEA, Fiscus SA, Chilongozi D, Namakhwa D, Gama S, Price M, Galvin S, Hoffman I, **Cohen MS** and the Malawi UNC Project Acute HIV Study Team. Improved detection of acute HIV-1 infection in sub-Saharan Africa: development of A risk score algorithm. *AIDS* 21:2237-42, 2007.
191. Dumond J, Yeh R, Patterson KB, Corbett AH, Jung B-H, Rezk NL, Bridges AX, Dempsey EX, **Cohen MS**, and Kashuba ADM. Antiretroviral drug exposure in the female genital: implications for oral pre- and post-exposure prophylaxis. *AIDS* 21: 1899-1907, 2007.
192. **Cohen MS**. Preventing Sexual Transmission of HIV. 2007. *Clin Infect Dis* 45: S287-S292, 2007.
193. **Cohen MS**, Gay C, Kashuba AD, Blower S, and Paxton L. Narrative Review: antiretroviral therapy to prevent the sexual transmission of HIV-1. *Ann Intern Med* 146: 591-601, 2007.
194. Chen XC, Wong SI, Lin C, Tucker J, Zhang GC, Gong XD, Gao X, Liang GJ, Yue XL, Chen XC, and **Cohen MS** for the Guangxi research team. Syphilis in China: results of a national surveillance program. *Lancet* 369: 132-138, 2007.

195. Chen XS, Yin YP, Tucker JD, Gao X, Cheng F, Wang TF, Wang HC, Huang PY, and **Cohen MS**. Detection of acute and established HIV infections in sexually transmitted disease clinics in Guanxi, China: Implications for screening and prevention of HIV infection. *J Infect Dis* 196: 1654-1661, 2007.
196. Wong SP, Yin YP, Gao X, Wei WH, Shi MQ, Huang PY, Wang H, Chen Q, Liu M, Tucker JD, Chen XS, and **Cohen MS**. Risk of syphilis in STI clinic patients: a cross-sectional study of 11,500 cases in Guangxi, China. *Sex Transm Infect.* 83: 351-356, 2007.
197. Dumond JB, Reddy YS, Troiani L, Rodriguez JF, Bridges AS, Fiscus SA, Yuen GJ, **Cohen MS** and Kashuba AD. Differential extracellular and intracellular concentrations of zidovudine and lamivudine in semen and plasma of HIV-1 infected men. *JAIDS* 48: 156-62, 2008.
198. Vourvahis M, Tappouri HL, Patterson KB, Chen YC, Rezk N, Fiscus SA, Kearney BP, Rooney JM, Hui J, **Cohen MS** and Kashuba ADM. The pharmacokinetics and viral activity of tenofovir in the male genital tract. *JAIDS* 47(3):329-33, 2008.
199. Keele BF, Giorgi EE, Salazar-Gomez JF, Decker JM, Salazar MG, Sun C, Grayson T, Wang S, Li H, We X, Jiang C, Gao F, Anderson JA, Ping LH, Swanstrom R, Tomaras G, Blattner WA, Goefert PA, Saag MS, Delwart F, Busch MP, **Cohen MS**, Montefiore DC, Haynes BF, Gaschen B, Athreya GS, Lee HY, Wood N, Seoighe C, Perelson, AS, Bjattacharya T, Korber BT, Hahn BH and Shaw W. Identification and characterization of transmitted and early founder virus envelopes in primary HIV-1 infection. *Proc Natl Acad Sci* 105:7552-7557, 2008.
200. Yin YP, Chen XS, Wang HC, Shi MQ, Zhu BY, Yu YH, Tucker JD, and **Cohen MS**. Detection of acute HIV infections among sexually transmitted disease clinic clients: a practice in Guangxi Zhuang Autonomous Region, China. *Sex Transm Inf*, 84: 350-1, 2008.
201. Pettifor A, Levandowski BA, MacPhail C, Ford C, Miller WC, Stein C, Rees H, and **Cohen MS**. Rethinking the basis for the AIDS pandemic: Comparison of the sexual behaviors of adolescents in South Africa and the United States (*AJPH*, submitted)
202. **Cohen MS**, Hellmann N, Levy JA, DeCock K, and Lange J. The spread, treatment, and prevention of HIV-1: evolution of a global pandemic. *J Clin Invest* 118:1244-54, 2008.
203. Yin YP, Wong SP, Liu MS, Wei WH, Yu YH, Gao X, Chen Q, Fu ZZ, Cheng F, Chen XS and **Cohen MS**. Syphilis control in China: selective testing of sexually transmitted disease patients-too little, too late? *Int J STD AIDS* 19: 838-42, 2008.
204. **Cohen MS**, Calibu P, Coates T. Prevention of the sexual transmission of the sexual transmission of HIV-1: preparing for success. *J. Int AIDS Soc.* 11:4. 2008.
205. Wang Y, Li B, Zheng J, Sengupta S, Emrick CB, **Cohen MS**, and Henderson G. Factors related to female sex workers willingness to utilize VCT service: A qualitative study in Jinan City, Northern China. *AIDS Behav.* 2008.
206. Powers KA, Poole C, Pettifor AE, and **Cohen MS**. Rethinking the heterosexual transmission of HIV-1: A systematic review and meta-analysis. *Lancet Infect Dis*: 8:553-63, 2008.

207. Pettifore AE, Levandowski BS, Macphail C, Padian NS, **Cohen MS**, Rees HV. Keeping them in school: the importance of education as a protective factor against HIV among South African women. *Int. J Epi.* 32: 1266-73, 2008.
208. Tomaras GD, Yates NL, Liu P, Qin L, Fouda GG, Chavez LL, Decamp AC, Parks RJ, Ashley VC, Lucas JT, **Cohen MS**, Eron J, Hicks CB, Liao HX, Self SG, Landucci G, Forthal DN, Weinhold KJ, Keele BF, Hahn BH, Greenberg ML, Morris L, Karim SS, Blattner WA, Montefiori DC, Shaw GM, Perelson AS, Haynes BF. Initial B-cell responses to transitted human immunodeficiency virus type-1: virion-binding immunoglobulin M (IgM) and IgG antibodies followed by anti-gp41 antibodies with ineffective control of viremia. *J. Viro* 82: 12449-63, 2008.
209. Abrahams MR, Anderson JA, Giorgi EE, Seoighe C, Mlisana K, Ping LH, Athreya GS, Treurnicht FK, Keele BF, Wood N, Salazar-Gonzalez JF, Bhattacharya T, Chu H, Hoffman I, Galvin S, Mapanje C, Kazembe P, Thebus R, Fiscus S, Hide W, **Cohen MS**, Karim SA, Haynes BF, Shaw GM, Hahn BH, Korber BT, Swanstrom R, Williamson C; CAPRISA Acute Infection Study Team; Center for HIV-AIDS Vaccine Immunology Consortium. Quantitating the multiplicity of infection with human immunodeficiency virus type 1 subtype C reveals a non-poisson distribution of transmitted variants. *J Virol.* 83:3556-67, 2008.
210. Yin YP, Wei WH, Wang HC, Zhu BY, Yu YH, Chen XS, Peeling RW, **Cohen MS**. Performance of serological tests for syphilis in sexually transmitted diseases clinics in Guangxi Autonomous Region, China: implications for syphilis surveillance and control. *Sex Health.* 6, 5-9 2009.
211. Gao F, Scarce RM, Alam SM, Hora B, Xia S, Hohm JE, Parks RJ, Ogburn DF, Tomaras GD, Park E, Lomas WE, Maino VC, Fiscus SA, **Cohen MS**, Moody MA, Hahn BH, Korber BT, Liao HX, Haynes BF. Cross-reactive monoclonal antibodies to multiple HIV-1 subtype and SIVcpz envelope glycoproteins. *Virology.* 394(1):91-8, 2009.
212. Levesque MC, Moody MA, Hwang KK, Marshall DJ, Whitesides JF, Amos JD, Gurley TC, Allgood S, Haynes BB, Vandergrift NA, Plonk S, Parker DC, **Cohen MS**, Tomaras GD, Goepfert PA, Shaw GM, Schmitz JE, Eron JJ, Shaheen NJ, Hicks CB, Liao HX, Markowitz M, Kelsoe G, Margolis DM, Haynes BF. Polyclonal B cell differentiation and loss of gastrointestinal tract germinal centers in the earliest stages of HIV-1 infection. *PLoS Med.* 6(7):e1000107, 2009.
213. Salazar-Gonzalez JF, Salazar MG, Keele BF, Learn GH, Giorgi EE, Li H, Decker JM, Wang S, Baalwa J, Kraus MH, Parrish NF, Shaw KS, Guffey MB, Bar KJ, Davis KL, Ochsenbauer-Jambor C, Kappes JC, Saag MS, **Cohen MS**, Mulenga J, Derdeyn CA, Allen S, Hunter E, Markowitz M, Hraber P, Perelson AS, Bhattacharya T, Haynes BF, Korber BT, Hahn BH, Shaw GM. Genetic identity, biological phenotype, and evolutionary pathways of transmitted/founder viruses in acute and early HIV-1 infection. *J Exp Med.* 206:1273-89. 2009.
214. Goonetilleke N, Liu MK, Salazar-Gonzalez JF, Ferrari G, Giorgi E, Ganusov VV, Keele BF, Learn GH, Turnbull EL, Salazar MG, Weinhold KJ, Moore S; CHAVI Clinical Core B, Letvin N, Haynes BF, **Cohen MS**, Hraber P, Bhattacharya T, Borrow P, Perelson AS, Hahn BH, Shaw GM, Korber BT, McMichael AJ. The first T cell response to transmitted/founder virus contributes to the control of acute viremia in HIV-1 infection. *J Exp Med.*206:1253-72, 2009.
215. Walley NM, Julg B, Dickson SP, Fellay J, Ge D, Walker BD, Carrington M, **Cohen MS**, de Bakker PI, Goldstein DB, Shianna KV, Haynes BF, Letvin NL, McMichael AJ, Michael NL, Weintrob AC.

- The Duffy antigen receptor for chemokines null promoter variant does not influence HIV-1 acquisition or disease progression. *Cell Host Microbe* 5:408-10; author reply 418-9, 2009.
216. **Cohen MS**, Mastro TD, Cates W Jr. Universal voluntary HIV testing and immediate antiretroviral therapy. *Lancet*. 37:1080-1, 2009.
 217. Yin YP, Wei WH, Wang HC, Zhu BY, Yu YH, Chen XS, Peeling RW, **Cohen MS**. Performance of serological tests for syphilis in sexually transmitted diseases clinics in Guangxi Autonomous Region, China: implications for syphilis surveillance and control. *Sex Health*. 6:5-9, 2009.
 218. **Cohen MS** and Gay CL. Treatment to Prevent Transmission of HIV-1. *Clin Infect Dis*. 15;50 Suppl 3:S85-95, 2010.
 219. Gay CL, Mwapasa V, Murdoch DM, Kwiek JJ, Fiscus SA, Meshnick SR, **Cohen MS**. Acute HIV infection among pregnant women in Malawi. *Diagn Microbiol Infect Dis*.66:356-60, 2010.
 220. Tucker JD, Yang LG, Zhu ZJ, Yang B, Yin YP, **Cohen MS**, Chen XS. Integrated syphilis/HIV screening in China: a qualitative analysis. *BMC Health Serv Res*. 10:58, 2010.
 221. Powers KA, Hoffman IF, Ghani AC, Hosseinipour MC, Pilcher CD, Price MA, Chilongozi DA, Martinson FEA, **Cohen MS**, Miller WC. Sexual partnership patterns in Malawi: implications for HIV/STI transmission. *Sex Transm Dis*. 2011 Jul;38(7):657-66.
 222. Brown LB, Miller WC, Kamanga G, Nyirenda N, Mmodzi P, Pettifor A, Dominik RC, Kaufman JS, Mapanje J, Martinson F, **Cohen MS** and Hoffman IF. HIV partner notification is effective and feasible in sub-Saharan Africa: Opportunities for improved HIV treatment and prevention. *J Acquir Immune Defic Syndr*. 2011 Apr 15;56(5):437-42.
 223. Brown LB, Krysiak R, Kamanga G, Mapanje C, Kanyamula H, Banda B, Mhango C, Hoffman M, Kamwendo D, Hobbs M, Hosseinipour MC, Martinson F, **Cohen MS**, Hoffman IF. *Neisseria gonorrhoeae* antimicrobial susceptibility in Lilongwe, Malawi. *Sex Transm Dis*. 37(3):169-72, 2010.
 224. Anderson JA, Ping LH, Dibben O, Jabara CB, Arney L, Kincer L, Tang Y, Hobbs M, Hoffman I, Kazembe P, Jones CD, Borrow P, Fiscus S, **Cohen MS**, Swanstrom R; Center for HIV/AIDS Vaccine Immunology. HIV-1 Populations in Semen Arise through Multiple Mechanisms. *PLoS Pathog*. e1001053, 2011.
 225. Masharsky AE, Dukhovlinova EN, Verevchkin SV, Toussova OV, Skochilov RV, Anderson JA, Hoffman I, **Cohen MS**, Swanstrom R, Kozlov AP. A substantial transmission bottleneck among newly and recently HIV-1-infected injection drug users in St Petersburg, Russia. *J Infect Dis*. 1;201(11):1697-702, 2010.
 226. Phiri S, Hoffman IF, Weiss HA, Martinson F, Nyirenda N, Kamwendo D, Fiscus SA, Chen CY, Miller WC, van der Hoeven L, Chilongozi D, **Cohen MS**, Mayaud P. Impact of aciclovir on ulcer healing, lesional, genital and plasma HIV-1 RNA among patients with genital ulcer disease in Malawi. *Sex Transm Infect*. 86(5):345-52, 2010.
 227. Wang Y, Li B, Pan J, Sengupta S, Emrick CB, **Cohen MS**, Henderson GE. Factors Associated with Utilization of a Free HIV VCT Clinic by Female Sex Workers in Jinan City, Northern China. *AIDS Behav*. 2010 May 11.

228. Li H, Bar KJ, Wang S, Decker JM, Chen Y, Sun C, Salazar-Gonzalez JF, Salazar MG, Learn GH, Morgan CJ, Schumacher JE, Hraber P, Giorgi EE, Bhattacharya T, Korber BT, Perelson AS, Eron JJ, **Cohen MS**, Hicks CB, Haynes BF, Markowitz M, Keele BF, Hahn BH, Shaw GM. High Multiplicity Infection by HIV-1 in Men Who Have Sex with Men. *PLoS Pathog.* 6(5):e1000890, 2010.
229. Mastro TD and **Cohen MS**. Honing the test-and-treat HIV strategy. *Science.* 21;328(5981):976, 2010.
230. Sun K, Zhou S, Chen RY, **Cohen MS**, Zhang F. Recent key advances in human immunodeficiency virus medicine and implications for China. *AIDS Res Ther.* 7:12, 2010.
231. Tucker JD, Bu J, Brown LB, Yin YP, Chen XS, **Cohen MS**. Accelerating worldwide syphilis screening through rapid testing: a systematic review. *Lancet Infect Dis.* 10(6):381-6, 2010.
232. Pearline RV, Tucker JD, Yuan LF, Bu J, Yin YP, Chen XS, **Cohen MS**. Sexually transmitted infections among individuals over fifty years of age in China. *AIDS Patient Care STDS.* 24(6):345-7, 2010.
233. **Cohen MS**, Fidler S. HIV prevention 2010: where are we now and where are we going? *Curr Opin HIV AIDS.* 5(4):265-8, 2010.
234. Tucker JD, Hawkes SJ, Yin YP, Peeling RW, **Cohen MS**, Chen XS. Scaling up syphilis testing in China: implementation beyond the clinic. *Bull World Health Organ.* 88(6):452-7, 2010.
235. Zhou P, Li K, Lu H, Qian Y, Gu X, Gong W, Tucker JD, **Cohen MS**. Azithromycin treatment failure among primary and secondary syphilis patients in Shanghai. *Sex Transm Dis.* 37(11):726-9, 2010.
236. **Cohen MS**, Swygard H. Human immunodeficiency virus infection and partner services: a monumental missed opportunity. *Sex Transm Dis.* 37(8):476-7, 2010.
237. Anderson JA, Ping LH, Dibben O, Jabara CB, Arney L, Kincer L, Tang Y, Hobbs M, Hoffman I, Kazembe P, Jones CD, Borrow P, Fiscus S, **Cohen MS**, Swanstrom R; Center for HIV/AIDS Vaccine Immunology. HIV-1 Populations in Semen Arise through Multiple Mechanisms. *PLoS Pathog.* 19;6(8), 2010.
238. **Cohen MS**, Gay CL, Busch MP, Hecht FM. The detection of acute HIV infection. *J Infect Dis.* 202 Suppl 2:S270-7, 2010.
239. Gnanakaran S, Daniels MG, Bhattacharya T, Lapedes AS, Sethi A, Li M, Tang H, Greene K, Gao H, Haynes BF, **Cohen MS**, Shaw GM, Seaman MS, Kumar A, Gao F, Montefiori DC, Korber B. Genetic signatures in the envelope glycoproteins of HIV-1 that associate with broadly neutralizing antibodies. *PLoS Comput Biol.* 7;6(10):e1000955, 2010.
240. Pettifor A, Macphail C, Corneli A, Sibeko J, Kamanga G, Rosenberg N, Miller WC, Hoffman I, Rees H, **Cohen MS**; NIAID Center for HIV/AIDS Vaccine Immunology. Continued High Risk Sexual Behavior Following Diagnosis with Acute HIV Infection in South Africa and Malawi: Implications for Prevention. *AIDS Behav.* 2010 Oct 27.

241. Tucker JD, **Cohen MS**. China's syphilis epidemic: epidemiology, proximate determinants of spread, and control responses. *Curr Opin Infect Dis.* 24(1):50-5, 2011.
242. Petrovski S, Fellay J, Shianna KV, Carpenetti N, Kumwenda J, Kamanga G, Kamwendo DD, Letvin NL, McMichael AJ, Haynes BF, **Cohen MS**, Goldstein DB; on behalf of the Center for HIV/AIDS Vaccine Immunology. Common human genetic variants and HIV-1 susceptibility: a genome-wide survey in a homogeneous African population. *AIDS.* 20;25(4):513-518, 2011.
243. Champion S, **Cohen MS**, McMichael AJ, Galvin S, Goonetilleke N. Improved detection of latent *Mycobacterium tuberculosis* infection in HIV-1 seropositive individuals using cultured cellular assays. *Eur J Immunol.* 41(1):255-7, 2011.
244. Corrah TW, Goonetilleke N, Kopycinski J, Deeks SG, **Cohen MS**, Borrow P, McMichael A, Brackenridge S. A reappraisal of the relationship between the hiv-1-protective single nucleotide polymorphism 35kb upstream of the hla-c gene and surface hla-c expression. *J Virol.* 2011 Jan 19.
245. Ritchie AJ, Champion SL, Kopycinski J, Moodie Z, Wang ZM, Pandya K, Moore S, Liu MK, Brackenridge S, Kuldane K, Legg K, **Cohen MS**, Delwart EL, Haynes BF, Fidler S, McMichael AJ, Goonetilleke N. Differences in HIV specific T cell responses between HIV seronegative exposed and unexposed individuals. *J Virol.* 2011 Apr;85(7):3507-16.
246. Brown KC, Patterson KB, Malone SA, Shaheen NJ, Prince HM, Dumond JB, Spacek MB, Heidt PE, **Cohen MS**, Kashuba AD. Single and multiple dose pharmacokinetics in saliva, semen and rectal tissue of healthy HIV-negative men. *J Infect Dis.* 2011. 203: 1484-90.
247. **Cohen MS**, Chen YQ, McCauley M, Gamble T, Hosseinipour MC, Kumarasamy N, Hakim JG, Kumwenda J, Grinsztejn B, Pilotto JH, Godbole SV, Mehendale S, Chariyalertsak S, Santos BR, Mayer KH, Hoffman IF, Eshleman SH, Piwowar-Manning E, Wang L, Makhema J, Mills LA, de Bruyn G, Sanne I, Eron J, Gallant J, Havlir D, Swindells S, Ribaud H, Elharrar V, Burns D, Taha TE, Nielsen-Saines K, Celentano D, Essex M, Fleming TR; the HPTN 052 Study Team. Prevention of HIV infection with early Antiretroviral therapy. *New Eng J Med.* 363: 493-505, 2011.
248. Padian NS, McCoy SI, Karim SS, Hasen N, Kim J, Bartos M, Katabira E, Bertozzi SM, Schwartländer B, **Cohen MS**. HIV Prevention transformed: the new prevention research. *Lancet* 378: 269-78, 2011.
249. Smith K, Powers KA, Kashuba AD, **Cohen MS**. HIV treatment as prevention: the good, the bad and challenges. *Current Opin HIV. AIDS* 6: 315-25, 2011.
250. Powers KA, Ghani AC, Miller WC, Hoffman IF, Pettifor AE, Kamanga G, Martinson FE, **Cohen MS**. The role of acute and early HIV infection and implication for transmission prevention strategies in Lilongwe, Malawi: a modeling study. *Lancet* 378: 256-68, 2011.
251. Cohen MS, Shaw GM, McMichael AJ, Haynes BF. Acute HIV infection. *New Engl. J Med.* 364:1943-54, 2011.
252. Gay C, Dibben O, Anderson JA, Stacey A, Mayo AJ, Norris PJ, Kuruc JD, Salazar-Gonzalez JF, Li H, Keele BF, Hicks C, Margolis D, Ferrari G, Haynes B, Swanstrom R, Shaw GM, Hahn BH, Eron JJ, Borrow P, **Cohen MS**. Cross-sectional detection of acute HIV infection: timing of transmission, inflammation and antiretroviral therapy. *PloS One*, e1967, 2011

253. Patterson KB, Prince HA, Kraft E, Jenkins AJ, Shaheen NJ, Rooney JF, **Cohen MS**, Kashuba AD. Penetration of tenofovir and emtricitabine in mucosal tissues: Implications for prevention of HIV-1 transmission. *Sci Transl Med.* 2011 7;3(112):112re4.
254. Kashuba AD, Patterson KB, Dumond JB, **Cohen MS**. Pre-exposure prophylaxis for HIV-1 prevention: how to predict success. *Lancet.* 2012 Jun 30;379(9835):2409-11.
255. Tucker JD, Yin YP, Wang B, Chen XS, **Cohen MS**. An expanding syphilis epidemic in China: epidemiology, behavioural risk and control strategies with a focus on low-tier sex workers and men who have sex with men. *Sex Transm Infect.* 87: Suppl 2:ii16-ii18, 2011.
256. Brown LB, Miller WC, Kamanga G, Kaufman JS, Pettifor A, Dominik RC, Nyirenda N, Mmodzi P, Mapanje C, Martinson F, **Cohen MS**, Hoffman IF. Predicting partner HIV testing and counseling following a partner notification intervention. *AIDS Behav.* 2011 Nov 27.
257. Brown LB, Miller WC, Kamanga G, Nyirenda N, Mmodzi P, Pettifor A, Dominik RC, Kaufman JS, Mapanje C, Martinson F, **Cohen MS**, Hoffman IF. HIV partner notification is effective and feasible in sub-Saharan Africa: opportunities for HIV treatment and prevention. *J Acquir Immune Defic Syndr.* 15;56(5):437-42, 2011.
258. Mastro TD, **Cohen MS**, Rees H. Anti-retrovirals for safer conception for HIV-negative women and their HIV-1 infected male partners: how safe and how available. *AIDS* 25(16):2049-51, 2011.
259. Eshleman SH, Hudelson SE, Redd AD, Wang L, Debes R, Chen YQ, Martens CA, Ricklefs SM, Selig EJ, Porcella SF, Munshaw S, Ray SC, Piwowar-Manning E, McCauley M, Hosseinipour MC, Kumwenda J, Hakim JG, Chariyalertsak S, de Bruyn G, Grinsztejn B, Kumarasamy N, Makhema J, Mayer KH, Pilotto J, Santos BR, Quinn TC, **Cohen MS**, Hughes JP. Analysis of genetic linkage of HIV from couples enrolled in the HIV prevention Trials Network 052 Trial. *J Infect Dis.* 15;204(12):1918-26, 2011.
260. Gnanakaran S, Bhattacharya T, Daniels M, Keele BF, Hraber PT, Lapedes AS, Shen T, Gaschen B, Krishnamoorthy M, Li H, Decker JM, Salazar-Gonzalez JF, Wang S, Jiang C, Gao F, Swanstrom R, Anderson JA, Ping LH, **Cohen MS**, Markowitz M, Goepfert PA, Saag MS, Eron JJ, Hicks CB, Blattner WA, Tomaras GD, Asmal M, Letvin NL, Gilbert PB, Decamp AC, Margaret CA, Schief WR, Ban YE, Zhang M, Soderberg KA, Sodroski JG, Haynes BF, Shaw GM, Hahn BH, Korber B. Recurrent signature patterns in HIV-1 B clade envelope glycoproteins associate with early or chronic infections. *PLoS Pathog.* 2011 Sep;7(9):e1002209.
261. Hurt CB, Eron JJ Jr, **Cohen MS**. Pre-exposure prophylaxis and antiretroviral resistance: HIV prevention at a cost? *Clin Infect Dis.* 2011 Dec;53(12):1265-70.
262. Stuart GS, Moses A, Corbett A, Phiri G, Kumwenda W, Mkandawire N, Chintedze J, Malunga G, Hosseinipour M, **Cohen MS**, Stanczyk FZ, Kashuba AD. Combined oral contraceptives and antiretroviral PK/PD in Malawian women: pharmacokinetics and pharmacodynamics of a combined oral contraceptive and a generic combined formulation antiretroviral in Malawi. *J Acquir Immune Defic Syndr.* 2011 Oct 1;58(2):e40-3.
263. Li HM, Peng RR, Li J, Yin YP, Wang B, **Cohen MS**, Chen XS. HIV incidence among men who have sex with men in China: a meta-analysis of published studies. *PLoS One.* 2011;6(8):e23431. Epub 2011 Aug 26
264. Liu P, Overman RG, Yates NL, Alam SM, Vandergrift N, Chen Y, Graw F, Freel SA, Kappes JC, Ochsenauber C, Montefiori DC, Gao F, Perelson AS, **Cohen MS**, Haynes BF, Tomaras GD.

- Dynamic antibody specificities and virion concentrations in circulating immune complexes in acute to chronic HIV-1 infection. *J Virol.* 2011 Nov;85(21):11196-207.
265. Yates NL, Lucas JT, Nolen TL, Vandergrift NA, Soderberg KA, Seaton KE, Denny TN, Haynes BF, **Cohen MS**, Tomaras GD. Multiple IgG3 responses decline during acute HIV-1: implications for detection of incident HIV infection. *AIDS.* 2011 Nov 13;25(17):2089-97
266. Stuart GS, Moses A, Corbett A, Phiri G, Kumwenda W, Mkandawire N, Chintedze J, Malunga G, Hosseinipour M, **Cohen MS**, Stanczyk FZ, Kashuba AD. Combined oral contraceptives and antiretroviral PK/PD in Malawian women: pharmacokinetics and pharmacodynamics of a combined oral contraceptive and a generic combined formulation antiretroviral in Malawi. *J Acquir Immune Defic Syndr.* 2011 Oct 1;58(2):e40-3.
267. **Cohen MS**, Eron J, Soderberg K Jr, McMichael A. High clade C HIV-1 viremia: How did we get here and where are we going. *AIDS.* 2011 Jul 31;25(12):1543-5.
268. Hobbs MM, Sparling PF, **Cohen MS**, Shafer WM, Deal CD, Jerse AE. Experimental gonococcal infection in male volunteer: Cumulative experience with *Neisseria gonorrhoeae* strains FAA1090 and MS11mkC. *Front Microbiol.* 2011;2:123. Epub 2011 May 31.
269. Pettifor A, MacPhail C, Corneli A, Sibeko J, Kamanga G, Rosenberg N, Miller WC, Hoffman I, Rees H, **Cohen MS**; NIAID Center for HIV/AIDS Vaccine Immunology. Continued high risk sexual behavior following diagnosis with acute HIV infection in South Africa and Malawi: implications for prevention. *AIDS Behav.* 2011 Aug;15(6):1243-50.
270. Pettifor, AE, Levandowski, BA, Macphail, C Miller, WC, Tabor, J, Ford, C, Stein, CR, Rees, H, **Cohen MS**. A tale of two countries: rethinking sexual risk for HIV among young people in South Africa and the United States. *Adolesc. Health.* 2011; 3: 237-243.
271. Tucker JD, Yang LG, Yang B, Young D, Henderson GE, Huang SJ, Lu HK, Chen XS, **Cohen MS**. Prior HIV Testing Among STD Patients in Guangdong Province, China: Opportunities for Expanding Detection of Sexually Transmitted HIV Infection. *Sex Transm Dis.* 2012 Mar;39(3):182-187.
272. **Cohen MS**, McCauley M, Gamble TR. HIV treatment as prevention and HPTN 052. *Curr Opin HIV AIDS.* 2012 Mar;7(2):99-105.
273. Detection of acute HIV infection: a field evaluation of the determine® HIV-1/2 Ag/Ab combo test. Rosenberg NE, Kamanga G, Phiri S, Nsona D, Pettifor A, Rutstein SE, Kamwendo D, Hoffman IF, Keating M, Brown LB, Ndalama B, Fiscus SA, Congdon S, **Cohen MS**, Miller WC. *J Infect Dis.* 2012 528-34. Epub 2011 Dec 29.
274. Kashuba AD, Patterson KB, Dumond JB, **Cohen MS**. Pre-exposure prophylaxis for HIV prevention: how to predict success. *Lancet*;379(9835):2409-11. Epub 2011 Dec 6, 2012.
275. **Cohen, MS**, Holmes, C, Padian, N, Hirschall, G, Ying RL and Goosby, E. Treatment as prevention for the global Aids response from discovery to policy. *Health Affairs*, 2012. 31:1439-49.
276. **Cohen MS**, Holmes C, Padian N, Wolf M, Hirschall G, Lo YR, Goosby E. HIV treatment as prevention: how scientific discovery occurred and translated rapidly into policy for the global response. *Health Aff (Millwood)*. 2012 Jul;31(7):1439-49.

277. Smith, K, Muessig, KE, Powers, KS Miller, WC and **Cohen MS**. ART and population level prevention of HIV: Ecology, observation and interpretation (PLOS Med Published 10 Jul 2012).
278. **Cohen MS**, Dye, C, Fraser, C, Miller, WC, Powers KA, Williams, B G. Using antiretroviral therapy to control heterosexual transmission of HIV: what is the role of early transmission. PLOS MED Published 10 Jul 2012.
279. **Cohen MS**, McCauley M, Sugarman J. Establishing HIV treatment as prevention in the HIV Prevention Trials Network 052 randomized trial: an ethical odyssey. Clin Trials. 2012;9 :340-7.
280. Archin NM, Vaidya NK, Kuruc JD, Liberty AL, Wiegand A, Kearney MF, **Cohen MS**, Coffin JM, Bosch RJ, Gay CL, Eron JJ, Margolis DM, Perelson AS. Immediate antiviral therapy appears to restrict resting CD4+ cell HIV-1 infection without accelerating the decay of latent infection. Proc Natl Acad Sci U S A. 2012 Jun 12;109:9523-8.
281. Lynch RM, Tran L, Louder MK, Schmidt SD, **Cohen MS**, CHAVI 001 Clinical TeamMembers, Dersimonian R, Euler Z, Gray ES, Abdool Karim S, Kirchherr J, Montefiori DC, Sibeko S, Soderberg K, Tomaras G, Yang ZY, Nabel GJ, Schuitemaker H, Morris L, Haynes BF, Mascola JR. The development of CD4 binding site antibodies during HIV-1 infection. J Virol. 2012 Jul;86(14):7588-95.
282. Freel SA, Picking RA, Ferrari G, Ding H, Ochsenbauer C, Kappes JC, Kirchherr JL, Soderberg KA, Weinhold KJ, Cunningham CK, Denny TN, Crump JA, **Cohen MS**, McMichael AJ, Haynes BF, Tomaras GD. Initial HIV-1 Antigen-Specific CD8+ T Cells in Acute HIV-1 Infection Inhibit Transmitted/Founder Virus Replication. J Virol. 2012 Jun;86(12):6835-46.
283. **Cohen MS**, Muessig KE, Smith MK, Powers K, Kashuba AD. Antiviral agents and HIV prevention: controversies, conflicts and consensus. AIDS. 2012 Aug 24;26(13):1585-98.
284. Tucker JD, Walensky RP, Yang LG, Yang B, Bangsberg DR, Chen XS, **Cohen MS**. Expanding provider-initiated HIV testing at STI clinics in China. AIDS Care. 2012;24(10):1316-9. Epub 2012 Apr 18.
285. Brown KC, Patterson KB, Jennings SH, Malone SA, Shaheen NJ, Asher Prince HM, Spacek M, **Cohen MS**, Kashuba A. Single and Multiple Dose Pharmacokinetics of Darunavir plus Ritonavir and Etravirine in Semen and Rectal Tissue of HIV-Negative Men. J Acquir Immune Defic Syndr. 2012 May 18.
286. Muessig KE, Smith MK, Powers KA, Lo YR, Burns DN, Grulich AE, Phillips AN, **Cohen MS**. Does ART prevent HIV transmission among MSM? AIDS. 2012 Nov 28;26(18):2267-73.
287. Wang AL, Peng RR, Tucker JD, **Cohen MS**, Chen XS. Partner notification uptake for sexually transmitted infections in China: a systematic literature review. Sex Transm Infect. 2012 Mar 18.
288. Dumond JB, Nicol MR, Kendrick RN, Garonzik SM, Patterson KB, **Cohen MS**, Forrest, A, Kashuba AD. Pharmacokinetic modelling of efavirenz, atazanavir, lamivudine and tenofovir in the female genital tract of HIV-infected pre-menopausal women. Clin Pharmacokinet. 2012 Dec;51(12):809-22.
289. Hurt CB, Beagle S, Leone PA, Sugarbaker A, Pike E, Kuruc J, Foust EM, Eron JJ Jr, **Cohen MS**, Hightow-Weidman LB. Investigating a sexual network of black men who have sex with men: implications for transmission and prevention of HIV infection in the United States. J Acquir Immune Defic Syndr. 2012 Dec 1;61(4):515-21.

290. **Cohen MS**, Muessig KE, Smith MK, Powers KA, Kashuba AD. Antiviral agents and HIV prevention: controversies, conflicts, and consensus. *AIDS*. 2012 Aug 24;26(13):1585-98. Review.
291. Wang AL, Peng RR, Tucker JD, **Cohen MS**, Chen XS. Partner notification uptake for sexually transmitted infections in China: a systematic literature review. *Sex Transm Infect*. 2012 Aug;88(5):386-93.
292. Smith MK, Powers KA, Muessig KE, Miller WC, **Cohen MS**. HIV treatment as prevention: the utility and limitations of ecological observation. *PLoS Med*. 2012;9(7):e1001260. Epub 2012 Jul 10. Review.
293. **Cohen MS**, Dye C, Fraser C, Miller WC, Powers KA, Williams BG. HIV treatment as prevention: debate and commentary--will early infection compromise treatment-as-prevention strategies? *PLoS Med*. 2012;9(7):e1001232. Epub 2012 Jul 10.
294. Chen YQ, Masse B, Wang L, Ou SS, Li X, Donnell D, McCauley M, Gamble T, Ribauldo HJ, **Cohen MS**, Fleming TR. Statistical considerations for the HPTN 052 Study to evaluate the effectiveness of early versus delayed antiretroviral strategies to prevent the sexual transmission of HIV-1 in serodiscordant couples. *Contemp Clin Trials*. 2012 Nov;33(6):1280-6.
295. **Cohen MS**, Baden LR. Preexposure prophylaxis for HIV--where do we go from here? *N Engl J Med*. 2012 Aug 2;367(5):459-61.
296. Liu MK, Hawkins N, Ritchie AJ, Ganusov VV, Whale V, Brackenridge S, Li H, Pavlicek JW, Cai F, Rose-Abrahams M, Treurnicht F, Hraber P, Riou C, Gray C, Ferrari G, Tanner R, Ping LH, Anderson JA, Swanstrom R; CHAVI Core B, **Cohen MS**, Karim SS, Haynes B, Borrow P, Perelson AS, Shaw GM, Hahn BH, Williamson C, Korber BT, Gao F, Self S, McMichael A, Goonetilleke N. Vertical T cell immunodominance and epitope entropy determine HIV-1 escape. *J Clin Invest*. 2013 Jan 2;123(1):380-93.
297. Wang XB, Tucker JD, Yang L, Zheng H, Zhang F, **Cohen MS**, Yang B, Cai W. Unsafe Sex and STI Prevalence Among HIV-Infected Adults in Guangzhou, China: Opportunities to Deamplify Sexual HIV Transmission. *AIDS Behav*. 2013 Mar;17(3):1137-43.
298. Zhu H, Napravnik S, Eron JJ, Cole SR, Ma Y, Wohl DA, Dou Z, Zhang Y, Liu Z, Zhao D, Yu L, Liu X, **Cohen MS**, Zhang F. Decreasing Excess Mortality of HIV-infected Patients Initiating Antiretroviral Therapy: Comparison with Mortality in General Population in China, 2003 - 2009. *J Acquir Immune Defic Syndr*. 2013 Apr 8.
299. Liao HX, Lynch R, Zhou T, Gao F, Alam SM, Boyd SD, Fire AZ, Roskin KM, Schramm CA, Zhang Z, Zhu J, Shapiro L; NISC Comparative Sequencing Program, Mullikin JC, Gnanakaran S, Hraber P, Wiehe K, Kelsoe G, Yang G, Xia SM, Montefiori DC, Parks R, Lloyd KE, Scarce RM, Soderberg KA, **Cohen MS**, Kamanga G, Louder MK, Tran LM, Chen Y, Cai F, Chen S, Moquin S, Du X, Joyce MG, Srivatsan S, Zhang B, Zheng A, Shaw GM, Hahn BH, Kepler TB, Korber BT, Kwong PD, Mascola JR, Haynes BF. Co-evolution of a broadly neutralizing HIV-1 antibody and founder virus. *Nature*. 2013 Apr 25;496(7446):469-76.
300. Miller WC, Powers KA, Smith MK, **Cohen MS**. Community viral load as a measure for assessment of HIV treatment as prevention. *Lancet Infect Dis*. 2013 May;13(5):459-64.
301. Medley A, Baggaley R, Bachanas P, **Cohen MS**, Shaffer N, Lo YR. Maximizing the impact of HIV prevention efforts: Interventions for couples. *AIDS Care*. 2013 May.

302. McNairy ML, **Cohen MS**, El-Sadr WM. Antiretroviral therapy for prevention is a combination strategy. *Curr HIV/AIDS Rep.* 2013 Jun;10(2):152-8.
303. Patterson KB, Prince HA, Stevens T, Shaheen NJ, Dellon ES, Madanick RD, Jennings S, **Cohen MS**, Kashuba AD. Differential penetration of raltegravir throughout gastrointestinal tissue: implications for eradication and cure. *AIDS.* 2013 Jun 1;27(9):1413-9.
304. Yates NL, Stacey AR, Nolen TL, Vandergrift NA, Moody MA, Montefiori DC, Weinhold KJ, Blattner WA, Borrow P, Shattock R, **Cohen MS**, Haynes BF, Tomaras GD. HIV-1 gp41 envelope IgA is frequently elicited after transmission but has an initial short response half-life. *Mucosal Immunol.* 2013 Jul;6(4):692-703.
305. Ping LH, Joseph SB, Anderson JA, Abrahams MR, Salazar-Gonzalez JF, Kincer LP, Treurnicht FK, Arney L, Ojeda S, Zhang M, Keys J, Potter EL, Chu H, Moore P, Salazar MG, Iyer S, Jabara C, Kirchherr J, Mapanje C, Ngandu N, Seoighe C, Hoffman I, Gao F, Tang Y, Labranche C, Lee B, Saville A, Vermeulen M, Fiscus S, Morris L, Karim SA, Haynes BF, Shaw GM, Korber BT, Hahn BH, **Cohen MS**, Montefiori D, Williamson C, Swanstrom R; CAPRISA Acute Infection Study and the Center for HIV-AIDS Vaccine Immunology Consortium. Comparison of viral Env proteins from acute and chronic infections with subtype C human immunodeficiency virus type 1 identifies differences in glycosylation and CCR5 utilization and suggests a new strategy for immunogen design. *J Virol.* 2013 Jul;87(13):7218-33.
306. El-Sadr WM, Serwadda DM, Sista N, **Cohen MS**. HIV prevention: great achievements, more challenges ahead. *J Acquir Immune Defic Syndr.* 2013 Jul;63 Suppl 2:S115-6.
307. Smith MK, Rutstein SE, Powers KA, Fidler S, Miller WC, Eron JJ Jr, **Cohen MS**. The detection and management of early HIV infection: a clinical and public health emergency. *J Acquir Immune Defic Syndr.* 2013 Jul;63 Suppl 2:S187-99.
308. Thompson CG, **Cohen MS**, Kashuba AD. Antiretroviral pharmacology in mucosal tissues. *J Acquir Immune Defic Syndr.* 2013 Jul;63 Suppl 2:S240-7.
309. Greener BN, Patterson KB, Prince HM, Sykes CS, Adams JL, Dumond JB, Shaheen NJ, Madanick RD, Dellon ES, **Cohen MS**, Kashuba AD. Dolutegravir pharmacokinetics in the genital tract and colorectum of HIV-negative men after single and multiple dosing. *J Acquir Immune Defic Syndr.* 2013 Sep 1;64(1):39-44.
310. Ping LH, Jabara CB, Rodrigo AG, Hudelson SE, Piwowar-Manning E, Wang L, Eshleman SH, **Cohen MS**, Swanstrom R. HIV-1 Transmission during Early Antiretroviral Therapy: Evaluation of Two HIV-1 Transmission Events in the HPTN 052 Prevention Study. *PLoS One.* 2013 Sep 24;8(9):e71557.
311. Schwartz SR, Pettifor A, Stuart GS, **Cohen MS**. Hormonal contraception and HIV: the methods have confused the message. *AIDS.* 2013 Oct;27 Suppl 1:S45-53.
312. Walensky RP, Ross EL, Kumarasamy N, Wood R, Noubary F, Paltiel AD, Nakamura YM, Godbole SV, Panchia R, Sanne I, Weinstein MC, Losina E, Mayer KH, Chen YQ, Wang L, McCauley M, Gamble T, Seage GR 3rd, **Cohen MS**, Freedberg KA. Cost-effectiveness of HIV treatment as prevention in serodiscordant couples. *N Engl J Med.* 2013 Oct 31;369(18):1715-25.

313. Peletz R, Mahin T, Elliott M, Harris MS, Chan KS, **Cohen MS**, Bartram JK, Clasen TF. Water, sanitation, and hygiene interventions to improve health among people living with **HIV/AIDS**: a systematic review. *AIDS*. 2013 Oct 23;27(16):2593-601.
314. **Cohen MS**, Smith MK, Muessig KE, Hallett TB, Powers KA, Kashuba AD. Antiretroviral treatment of HIV-1 prevents transmission of HIV-1: where do we go from here? *Lancet*. 2013 Nov 2;382(9903):1515-24. Review.
315. Fogel JM, Wang L, Parsons TL, Ou SS, Piwowar-Manning E, Chen Y, Mudhune VO, Hosseinipour MC, Kumwenda J, Hakim JG, Chariyalertsak S, Panchia R, Sanne I, Kumarasamy N, Grinsztejn B, Makhema J, Pilotto J, Santos BR, Mayer KH, McCauley M, Gamble T, Bumpus NN, Hendrix CW, **Cohen MS**, Eshleman SH. Undisclosed antiretroviral drug use in a multinational clinical trial (HIV Prevention Trials Network 052). *J Infect Dis*. 2013 Nov 15;208(10):1624-8. doi: 10.1093/infdis/jit390. Epub 2013 Aug 1.
316. Fenton-May AE, Dibben O, Emmerich T, Ding H, Pfafferott K, Aasa-Chapman MM, Pellegrino P, Williams I, **Cohen MS**, Gao F, Shaw GM, Hahn BH, Ochsenbauer C, Kappes JC, Borrow P. Relative resistance of **HIV-1** founder viruses to control by interferon-alpha. *Retrovirology*. 2013 Dec 3;10:146.
317. Phiri S, Zadrozny S, Weiss HA, Martinson F, Nyirenda N, Chen CY, Miller WC, **Cohen MS**, Mayaud P, Hoffman IF. Etiology of Genital Ulcer Disease and Association with HIV Infection in Malawi. *Sex Transm Dis*. 2013 Dec;40(12):923-8.
318. Walensky RP, **Cohen MS**, Freedberg KA. Cost-effectiveness of **HIV** treatment as prevention in serodiscordant couples. *N Engl J Med*. 2014 Feb 6;370(6):581-2. doi: 10.1056/NEJMc1314998. No abstract available.
319. Burns DN, Degruittola V, Pilcher CD, Kretzschmar M, Gordon CM, Flanagan EH, Duncombe C, **Cohen MS**. Toward an Endgame: Finding and Engaging People Unaware of Their **HIV-1** Infection in Treatment and Prevention. *AIDS Res Hum Retroviruses*. 2014 Feb 11.
320. Gay C, Adimora A, Miller W, **Cohen MS**. Surveillance of HIV in the United States and England, Scotland, and Northern Ireland: what have we learned and what do we do about it? *Sex Transm Dis*. 2014 Apr;41(4):266-7. Doi:10.1097/OLQ.000000000000121. PubMed PMID: 24622639.
321. Grinsztejn B, Hosseinipour MC, Ribaud HJ, Swindells S, Eron J, Chen YQ, Wang L, Ou SS, Anderson M, McCauley M, Gamble T, Kumarasamy N, Hakim JG, Kumwenda J, Pilotto JH, Godbole SV, Chariyalertsak S, de Melo MG, Mayer KH, Eshleman SH, Piwowar-Manning E, Makhema J, Mills LA, Panchia R, Sanne I, Gallant J, Hoffman I, Taha TE, Nielsen-Saines K, Celentano D, Essex M, Havlir D, **Cohen MS**; HPTN 052-ACTG Study Team. Effects of early versus delayed initiation of antiretroviral treatment on clinical outcomes of HIV-1 infection: results from the phase 3 HPTN 052 randomised controlled trial. *Lancet Infect Dis*. 2014 Apr;14(4):281-90. Doi: 10.1016/S1473-3099(13)70692-3. Epub 2014 Mar 4. Erratum in: *Lancet Infect Dis*. 2014 Apr;14(4):269. PubMed PMID: 24602844; PubMed Central PMCID: PMC4144040.
322. Powers KA, **Cohen MS**. Acute HIV-1 infection in sub-Saharan Africa: a common occurrence overlooked. *AIDS*. 2014 Jun 1;28(9):1365-7. doi:10.1097/QAD.000000000000277. PubMed PMID: 24959964.
323. Marzinke MA, Breaud A, Parsons TL, **Cohen MS**, Piwowar-Manning E, Eshleman SH, Clarke W. The development and validation of a method using high-resolution mass spectrometry (HRMS) for

- the qualitative detection of antiretroviral agents in human blood. *Clin Chim Acta*. 2014 Jun 10;433:157-68. doi: 10.1016/j.cca.2014.03.016. Epub 2014 Mar 22. PubMed PMID: 24661980; PubMed Central PMCID: PMC4039613.
324. Adimora AA, Ramirez C, Schoenbach VJ, **Cohen MS**. Policies and politics that promote HIV infection in the Southern United States. *AIDS*. 2014 Jun 19;28(10):1393-7. doi: 10.1097/QAD.0000000000000225. PubMed PMID: 24556871.
325. Dennis AM, Herbeck JT, Brown AL, Kellam P, de Oliveira T, Pillay D, Fraser C, **Cohen MS**. Phylogenetic studies of transmission dynamics in generalized HIV epidemics: an essential tool where the burden is greatest? *J Acquir Immune Defic Syndr*. 2014;67(2):181-95. Epub 2014/07/01. doi: 10.1097/qai.0000000000000271. PubMed PMID: 24977473; PubMed Central PMCID: PMC4304655.
326. Marrazzo JM, del Rio C, Holtgrave DR, **Cohen MS**, Kalichman SC, Mayer KH, Montaner JS, Wheeler DP, Grant RM, Grinsztejn B, Kumarasamy N, Shoptaw S, Walensky RP, Dabis F, Sugarman J, Benson CA; International Antiviral Society-USA Panel. HIV prevention in clinical care settings: 2014 recommendations of the International Antiviral Society-USA Panel. *JAMA*. 2014 Jul 23-30;312(4):390-409. doi: 10.1001/jama.2014.7999. Erratum in: *JAMA*. 2014 Aug 13;312(6):652. *JAMA*. 2014 Jul 23-30;312(4):403. PubMed PMID: 25038358.
327. Gao F, Bonsignori M, Liao HX, Kumar A, Xia SM, Lu X, Cai F, Hwang KK, Song H, Zhou T, Lynch RM, Alam SM, Moody MA, Ferrari G, Berrong M, Kelsoe G, Shaw GM, Hahn BH, Montefiori DC, Kamanga G, **Cohen MS**, Hraber P, Kwong PD, Korber BT, Mascola JR, Kepler TB, Haynes BF. Cooperation of B cell lineages in induction of HIV-1-broadly neutralizing antibodies. *Cell*. 2014;158(3):481-91. Epub 2014/07/30. doi: 10.1016/j.cell.2014.06.022. PubMed PMID: 25065977; PubMed Central PMCID: PMC4150607.
328. Muessig KE, **Cohen MS**. Advances in HIV prevention for serodiscordant couples. *Current HIV/AIDS reports*. 2014;11(4):434-46. Epub 2014/08/26. doi: 10.1007/s11904-014-0225-9. PubMed PMID: 25145645; PubMed Central PMCID: PMC4267973.
329. Kepler TB, Liao HX, Alam SM, Bhaskarabhatla R, Zhang R, Yandava C, Stewart S, Anasti K, Kelsoe G, Parks R, Lloyd KE, Stolarchuk C, Pritchett J, Solomon E, Friberg E, Morris L, Karim SS, **Cohen MS**, Walter E, Moody MA, Wu X, Altae-Tran HR, Georgiev IS, Kwong PD, Boyd SD, Fire AZ, Mascola JR, Haynes BF. Immunoglobulin gene insertions and deletions in the affinity maturation of HIV-1 broadly reactive neutralizing antibodies. *Cell host & microbe*. 2014;16(3):304-13. Epub 2014/09/12. doi: 10.1016/j.chom.2014.08.006. PubMed PMID: 25211073; PubMed Central PMCID: PMC4163498.
330. Pancera M, Zhou T, Druz A, Georgiev IS, Soto C, Gorman J, Huang J, Acharya P, Chuang GY, Ofek G, Stewart-Jones GB, Stuckey J, Bailer RT, Joyce MG, Louder MK, Tumba N, Yang Y, Zhang B, **Cohen MS**, Haynes BF, Mascola JR, Morris L, Munro JB, Blanchard SC, Mothes W, Connors M, Kwong PD. Structure and immune recognition of trimeric pre-fusion HIV-1 Env. *Nature*. 2014;514(7523):455-61. Epub 2014/10/09. doi: 10.1038/nature13808. PubMed PMID: 25296255.
331. Powers KA, Kretzschmar ME, Miller WC, **Cohen MS**. Impact of early-stage HIV transmission on treatment as prevention. *Proceedings of the National Academy of Sciences of the United States of America*. 2014 Nov 11;111(45):15867-8. Epub 2014/11/05. doi: 10.1073/pnas.1418496111. PubMed PMID: 25368195; PubMed Central PMCID: PMC4234559.

332. Rosenberg NE, Pilcher CD, Busch MP, **Cohen MS**. How can we better identify early HIV infections? *Curr Opin HIV AIDS*. 2015 Jan;10(1):61-8. Epub 2014/11/13. doi: 10.1097/coh.000000000000121. PubMed PMID: 25389806.
333. Nicol MR, Emerson CW, Prince HM, Nelson JA, Fedoriw Y, Sykes C, Geller EJ, Patterson KB, **Cohen MS**, Kashuba AD. Models for Predicting Effective HIV Chemoprevention in Women. *J Acquir Immune Defic Syndr*. 2015 Apr 1;68(4):369-76. Epub 2014/12/17. doi: 10.1097/qai.0000000000000472. PubMed PMID: 25501616.
334. Rahangdale L, De Paris K, Kashuba AD, Nelson JA, Cottrell M, Sykes C, Emerson C, Young SL, Stevens T, Patterson KB, **Cohen MS**. Immunologic, Virologic, and Pharmacologic Characterization of the Female Upper Genital Tract in HIV-infected women. *J Acquir Immune Defic Syndr*. 2015 Apr 1;68(4):420-4. Epub 2014/12/17. doi: 10.1097/qai.0000000000000480. PubMed PMID: 25501615.

Editorials

1. **Cohen MS**. A new deal in antibacterial therapy: The reductionist approach. *Hospital Pharmacy*. 19:592-594, 1984.
2. **Cohen MS**. The great cephalosporin wars. *European Journal of Clinical Microbiology* 3:177-179, 1984.
3. **Cohen MS**. Antibiotic Therapy 1985: What are the challenges? *Hosp. Form.* 20:1247-1249, 1985.
4. **Cohen MS**. Antibiotic therapy in the neutropenic host: How many drugs are enough? *Infect. Med.* 4:237-246, 1987.
5. **Cohen MS**. Stress, the immune system and infections. *Infect Med.* 8:18, 1991.
6. **Cohen MS**, Dallabetta G, Laga M, Holmes KK. A new deal in HIV prevention: lessons from the global approach. *Ann Intern Med.* 120:340-341, 1994.
7. Hassett DJ, **Cohen MS**. RecA versus Catalase: Who's on First? *J Clin Invest.* March, 1995.
8. Kenney SC, **Cohen MS**. A review of human herpesvirus-6 infections. Editorial Comment. *Infections in Medicine* 12:399, 1995.
9. **Cohen MS**, Miller WC. Sexually transmitted diseases and human immunodeficiency virus infection: cause, effect, or both? *Int J Infect Dis* 3(1):1-4, 1998.
10. **Cohen MS**, Ping G, Fox K, Henderson G. Sexually transmitted diseases in the People's Republic of China in Y2K: Back to the future. *Sex Transm Dis* 27(3):143-5, 2000.
11. **Cohen MS**. Preventing sexual transmission of HIV—new ideas from sub-Saharan Africa. *N Engl J Med* 342(13):970-2, 2000.
12. **Cohen MS** and Pilcher, C. Amplified HIV transmission and new approaches to HIV prevention. *J Infectious Diseases* 191:1391-1393, 2005.
13. **Cohen MS**, Kashuba A and Gay C. HIV antiretroviral prophylaxis: a cautionary note. *Clin Infect Dis* 41: 514-16, 2005.
14. **Cohen MS**. When people with HIV get syphilis: Triple Jeopardy. *STD* 33:149-50, 2006.
15. **Cohen MS.**, Hawkes S, and Maybe D. Syphilis returns to China with a vengeance. *STD* 33:25-6, 2007.

16. **Cohen MS** and Kashuba A. HIV pre-exposure prophylaxis in rhesus macaques: Caution optimism for HIV prevention in humans PLOS Medicine 5:30, 2008.
17. **Cohen, MS.** HIV Postexposure prophylaxis after sexual assault: why is it so hard to accomplish. Sex Transm. Dis. 35: 979-80, 2008.
18. **Cohen MS.** HIV treatment as prevention and "the Swiss statement": in for a dime, in for a dollar? Clin Infect Dis. 1;51(11):1323-4, 2010.
19. **Cohen MS.** HIV treatment as prevention: to be or not to be? J Acquir Immune Defic Syndr. 1;55(2):137-8, 2010.
20. **Cohen MS,** Eron J, Soderberg K Jr, McMichael A. High clade C HIV viremia: How did we get here and where are we going. AIDS 25:1543-5, 2011.
21. Mastro TD, **Cohen MS,** Rees H. Antiretrovirals for safer conception for HIV-negative women and their HIV-1-infected male partners: how safe and how available? AIDS. 25:2049-51, 2011.
22. **Cohen MS,** Eron JJ Jr Acyclovir treatment for human immunodeficiency virus-1: is the "juice worth the squeeze?".Sex Transm Dis. 38 :410-2. 2011.
23. El-Sadr WM, Gamble TR, Cohen MS. Linkage From **HIV** Testing to Care: A Positive Test Often Leads Nowhere. Sex Transm Dis. 2013 Jan;40(1):26-7.
24. El-Sadr WM, Gamble TR, **Cohen MS.** Sex Transm Dis. 2013 Jan;40(1):26-7.
25. **Cohen MS.** Classical Sexually Transmitted Diseases Drive the Spread of HIV-1: Back to the Future. J Infect Dis. 206(1):1-2. Epub 2012 Apr 19, 2012.

Books

1. Henderson GE and **Cohen MS.** The Chinese Hospital: A Socialist Work Unit. Yale University Press, New Haven, CT and London, 1984. pp.1-177.
2. **Cohen MS,** Hitchcock P, and Hook E, eds. Sexually Transmitted Disease, Infectious Disease Clinics of North America, Vols. I and II. 7 (4):1993.
3. **Cohen MS,** Hitchcock P, and Hook E (eds). Sexually Transmitted Disease, Infectious Disease Clinics of North America, Vol. II. December 7:4, 1994.
4. Holmes KK, Sparling PF, Mardh PA, Lemon S, Stamm W, Piot P, Walsserheit J, and **Cohen MS.** Sexually Transmitted Diseases, 5th ed. McGraw Hill Publishers (in preparation).

Book Chapters

1. Adams DO, **Cohen MS,** and Koren HS. Activation of mononuclear phagocytes for cytotoxicity: Parallels and contrasts between direct tumor cytotoxicity and antibody dependent cytotoxicity. In: *Macrophage activation and ADCC*, H.S. Koren (ed.), Marcel Dekker, N.Y., 1983. pp. 342-345.
2. **Cohen MS,** Colleen S, and Mardh P. Mucosal defenses. In: *Sexually Transmitted Diseases*, Holmes, K.K., Mardh, P.A., and Sparling, P.F. (eds.). McGraw-Hill Book Company, New York, 1984. pp. 173-198.
3. **Cohen MS,** Black JR, Proctor RA, and Sparling PF. Host defenses and the vaginal mucosa. In: *Bacterial Vaginosis*, Mardh, P-A and Taylor-Robinson, D. (eds.) Almquist & Wiksell International, Stockholm, 1984, pp. 13-22.

4. Gray TK, Korach K, Nabell LM, Flynn TC, Gray KM, Dodd RC, Sivam G, Williams M, and **Cohen MS**. Mechanisms of estradiol's actions on bone. In: *Osteoporosis 1984*, Christiansen, J.S. Johansen and B.J. Riis, (eds.), Norhaven A/S, Viborg, Denmark, Vol 1, 1987, pp. 513-51.
5. **Cohen MS** and Britigan BE. The expanded phagocytic respiratory burst: Bacterial competition for oxygen and its stimulation by host factors. In: *The Respiratory Burst*, Sbarra, A.S., and Strauss, S. (eds.) Plenum Press, 1988, pp. 99-116.
6. Weber DJ, Gammon R, and **Cohen MS**. The acutely ill patient with fever and rash. In: *Principles and Practice of Infectious Diseases, Third Edition*, Mandell, G.L., Douglas, R.G., and Bennett (eds.), Churchill Livingstone, New York, 1990, pp. 479-488.
7. **Cohen MS**, Weber RD, and Mardh P-A. Genitourinary mucosal defenses. In: *Sexually Transmitted Diseases*, Holmes, K.K., Mardh, P.-A., Sparling, P.F., Wiesner, P.J., Cates Jr., W., Lemon, S.M., and Stamm, W.E. (eds.), McGraw-Hill Book Company, New York, 1990, pp. 117-127.
8. Serody J and **Cohen MS**. Infection in the immunocompromised host. In: *Infectious Disease in Emergency Medicine*, J.C. Brillman and R.W. Quenzer (eds.), Little Brown, New York, NY. 1992.
9. Adimora A, Sparling PF, and **Cohen MS**. Vaccines for Classic Sexually Transmitted Diseases, In: *Infectious Disease Clinics of North America*, Cohen, M.S., Hook E., Hitchcock, PJ (eds.), W.B. Saunders Company, Philadelphia, PA. 859-876, vol.8, 1994.
10. **Cohen MS** and Heine RP. Mucosal defenses and microbial pathogens of the genital tract. In: *Advances in Host Defense Mechanisms*. Vol. IV., T.C. Quinn, J.I. Gallin, and A.S. Fauci (eds.), Raven Press, New York, NY 1992, pp.39-55.
11. **Cohen MS**. Mucosal defenses and HIV. In: *AIDS and Human Reproduction*. F. Melica (ed.), Springer-Verlag, New York, NY 1992 pp. 61-9.
12. **Cohen MS**. Vaginal Mucosal Defenses. In *Vaginitis and Vaginosis*, B. Horowitz and P.-A. Mardh (eds.), Wiley-Liss, Inc., New York, NY. 1991, pp. 33-37.
13. **Cohen MS**, Serody J, Britigan BE, Rosen G, and Charniga L.M. Phagocytes: free radicals, lactoferrin and the lactoferrin receptor. *Chemistry, Biology & Medical Aspects*, K.J.A. Davies (ed.), Pergamon Press, New York, NY 1991, pp. 658-62.
14. Hamilton H and **Cohen MS**. Penicillins, Cephalosporins and Monobactams In *Pharmacologic Therapeutics*, ed. Paul L. Munson. Springer Verlag, Berlin 1992.
15. Hamilton H, Byron CS, and **Cohen MS**. Cost containment of antibiotics in the intensive care unit. In *Current Topics in Critical Care*. David H. Gremillion (ed.) Lippincott & Co, Philadelphia 1992.
16. Chamulitrat W, Mason RP, and **Cohen MS**. In *Free radical formation from organic hydroperoxides in isolated human polymorphonuclear neutrophils*. In: K Yagi, M Kondo, E Niki and T. Yoshikawa, eds, Oxygen Radicals. Elsevier Science Publishers B.V., 1992.
17. Weber DJ, Gammon WR, and **Cohen MS**. The acutely ill patient with fever and rash. In: GL Mandell, JE Bennett, R Dolin, eds, In *Principles and Practice of Infectious Diseases*. Churchill Livingstone Inc, New York, NY 1995.
18. Sparling PF, Elkins C, Wyrick PB, and **Cohen MS**. Vaccines for bacterial sexually transmitted infections: A realistic goal? In: *Infectious Diseases in an Age of Change: The Impact of Human Ecology and Behavior on Disease Transmission*, Roizman B, (ed.) National Academy Press, Washington, D.C., 1995. pp. 213-233.
19. **Cohen MS**. HIV and STDS: A Symposium. *Postgraduate Medicine*, Sept 1995, Vol 98.

20. Mietzner TS, Thomas CE, Hobbs MM, and **Cohen MS**. Gonococcal Vaccines In New Generation Vaccines, MM Levine, GC Graemwood, JB Kaper and GS Cobon, eds Marcel Dekker (in press).
21. Fox KK, Isbey S, Carson C and **Cohen MS**. Urethritis, Epididymitis, Orchitis and Prostatitis in Clinical Infectious Diseases: A Practical Approach. Eds R. K Root, W. Stamm, F. Waldvogel, Oxford University Press.
22. Fox KK and **Cohen MS**. Gonococcal and Chlamydial Urethritis in Infectious Diseases (D. Armstrong and J Cohen, eds, Mosby).
23. **Cohen MS** and Anderson D. Genitourinary mucosal defenses. In: *Sexually Transmitted Diseases*, Holmes KK, Mardh PA, Sparling PF, Wiesner PJ, Cates W. Jr., Lemon SM, and Stamm WE (eds.) McGraw-Hill Book Company, New York, 1990, 2000.
24. Musher D, **Cohen MS**, and Baker, C. Immune responses to extracellular bacteria. In: *Clinical Immunology: Principles and Practice* (vol 1), pp 479-502. Rich, R, Fleisher, TA, Schwartz, BD, Shearer, WT, Strober, W (eds.) Mosby-Year Book, Inc, 1996.
25. **Cohen MS**, Dallabetta G, Holmes KK, and Cates W. Global Prevention of HIV Transmission. In: *The Medical Management of AIDS*. W.B. Saunders Company , 1999, Pp. 499-512.
26. Fiscus SA and **Cohen MS**. Collection and processing of seminal plasma for the quantitation of HIV-1 RNA by NASBA and RT-PCR. In: *Sexually Transmitted Diseases: Methods and Protocols*, Peeling RW and Sparling PF, eds. Humana Press, 1998.
27. Ruiz, MS, Ed. No Time To Lose: Getting More From HIV Prevention. Washington, D.C.: National Academy Press, 2001.
28. **Cohen MS** and Hosseinipour, M. HIV treatment meets prevention: antiretroviral therapy as prophylaxis. AIDS in the 21st Century. Mayer and Pizer (eds) In *The AIDS Pandemic: Impact on Science and Society*, Elsevier 2004.
29. **Cohen MS**. Approach to the Patient with STDs. Cecil's Textbook of Internal Medicine (2011, 2014)
30. Del Rios C and **Cohen MS**. Prevention of HIV Infection. Cecil's Textbook of Internal Medicine (2014)

Review Articles

1. **Cohen MS**, Zakhireh B, Metcalf JA, and Root RK. Neutrophil function in patients receiving carbonate. In: *Lithium Effects on Granulopoiesis and Immune Function*. Rosof, A. and Robinson, W. (eds.), Plenum Press, New York, N.Y. 1980.
2. Root RK and **Cohen MS**. Microbicidal mechanisms of phagocytic cells. *Rev Infect Dis* 3:565-590, 1981.
3. **Cohen MS**. Epidemic hemorrhagic fever revisited. *Rev Infect Dis* 4:992-998, 1982.
4. **Cohen MS**. Antibiotic Therapy: Issues and Perspectives. *Today's Therapeutic Trends* 1:13-28, 1984.
5. Britigan BE, **Cohen MS**, and Sparling PF. *Neisseria gonorrhoeae*: A model of molecular pathogenesis. *N Engl J Med* 312:1683-1694, 1985.
6. Gray TK and **Cohen MS**. Vitamin D, phagocytic differentiation, and immune function. *Surv Immunol Res* 4:200-212, 1985.
7. **Cohen MS**. Antibiotic therapy, cost containment, and the price of tea in China. *Medical Times*. 113:24-28, 1985.

8. **Cohen MS**, Black JR, Proctor RA, and Sparling PF. Host defenses and vaginal mucosa: A reevaluation. *Scand J Urol and Nephrol.* 86:13-22, 1985.
9. Britigan BE, **Cohen MS**, and Rosen GM. Criteria for the detection of free radicals formed by phagocytes using spin trapping. *J Leuk Biol* 41:349-362, 1987.
10. **Cohen MS**, Britigan BE, Hassett DJ, and Rosen GM. Phagocytes, O₂ reduction, and hydroxyl radical. *Rev Inf Dis* 10:1088-1096, 1988.
11. **Cohen MS**, Britigan BE, Hassett DJ, and Rosen GM. Do human neutrophils make hydroxyl radical? Evaluation of an unresolved controversy. *Free Rad Bio* 5:81-88, 1988.
12. Hassett DJ and **Cohen MS**. Bacterial adaptation to oxidative stress: Implications for pathogenesis and interaction with phagocytic cells. *FASEB J* 3:2574-2582, 1989.
13. Rosen GM, **Cohen MS**, Britigan BE, and Pou S. Application of spin traps to biological systems. *Free Rad Res Comm* 9:187-196, 1990.
14. **Cohen MS**, Britigan BE, Pou S, and Rosen GM. Application of spin trapping to human phagocytic cells: Insight into conditions for formation and limitation of hydroxyl radical. *Free Rad Res Comm* 12-13, 17, 1991.
15. **Cohen MS**. Phagocytes in health and disease. *Current Opinion in Inf Dis* 4:338-343, 1991.
16. **Cohen MS** and Sparling PF. Mucosal infection with *Neisseria gonorrhoeae*. *J Clin Invest* 89:1699-1705, 1992.
17. Alcorn TM and **Cohen MS**. Gonococcal pathogenesis: Adaptation and immune evasion in the human host. *Curr Opin Infect Dis.* 7(3):310-316, 1994.
18. Sparling PF, Elkins C, Wyrick PB, and **Cohen MS**. Vaccines for bacterial sexually transmitted infections: A realistic goal? *Proc Natl Acad Sci USA* 91:2456-63, 1994.
19. **Cohen MS**. Molecular events in the activation of human neutrophils for microbial killing. *Clin Infect Dis* 18(Supl 2):S170-9, 1994.
20. Adimora AA, Sparling PF, and **Cohen MS**. Vaccines for classic sexually transmitted diseases. In: *Sexually Transmitted Diseases in the AIDS Era: Part II. Infect Dis Clinics N Am.* Cohen MS, Hook EW, Hitchcock PJ (eds.)vol. 8 , 1994.
21. Rosen GM, Pou S, Ramos CL, **Cohen MS**, and Britigan BE. Free radicals and phagocytic cells. *FASEB Feb.* 1995.
22. **Cohen MS**. HIV and sexually transmitted diseases: the physician's role in prevention. *Postgrad. Med.* 98(3):52-8, 63-4, 1995.
23. **Cohen MS**, Henderson GE, Aiello P, and Zheng H. Successful eradication of sexually transmitted diseases in the People's Republic of China: implications for the 21st century. *J Infect Dis* 174 suppl 2:S223-9, 1996.
24. Vernazza P, Eron J, Fiscus S, and **Cohen MS**. Sexual Transmission of HIV: Infectiousness and Prevention. *AIDS* 13:155-166, 1999.
25. Kashuba AD, Dyer JR, Kramer LM, Raasch RH, Eron JJ, and **Cohen MS**. Antiretroviral Drug Concentration in Semen: Implications for Sexual Transmission of HIV-1. *Antimicrobial Agents and Chemotherapy* 43(8):1817-1826, 1999.
26. Blocker ME and **Cohen MS**. Biological approaches to the prevention of sexual transmission of human immunodeficiency virus. *HIV/AIDS* 14(4): 983-999 December 2000.

27. Hosseinipour M, **Cohen MS**, Vernazza PL, and Kashuba AD. Can antiretroviral therapy be used to prevent sexual transmission of human immunodeficiency virus type 1? *Clin Infect Dis.* 34; 1391-5, 2002.
28. **Cohen MS**, Hossenipour M, Butera S, and Kashuba AA. Antiretroviral therapy to prevent sexual transmission of HIV In *Current Clinical Topics in Infectious Disease*, Remington J and Swarz, M (eds) 2002.
29. Galvin SR and **Cohen MS**. Sexual transmission of HIV. *Nature Reviews Microbiology* January 2: 33-42, 2004.
30. Pilcher CD, Eron, JJ, Galvin S, Gay C, and **Cohen MS**. Acute HIV Revisited: New Opportunities for Treatment and Prevention. *J. Clin Invest* 113: 937-945, 2004.
31. **Cohen MS**. Amplified transmission of HIV-1: New clues to the AIDS pandemic. *Tran Am Clin Climatol. Assoc.* 117:213-225, 2006.
32. Lin C, Gao X, Chen XS, Chen Q, and **Cohen MS**. China's syphilis epidemic: a systematic review. *STD* 33: 726, 2006.
33. Gay, CL and **Cohen MS**. Antiretrovirals to prevent HIV infection: Pre and Postexposure prophylaxis. *Curr. Infect. Dis. Rep.* 4: 323-31, 2008.