

## **CURRICULUM VITAE**

**DATE:** 20 September 2019

**NAME:** Jerrold J. Ellner, MD

**PRESENT TITLE:** Professor of Medicine and Director of Research Innovations,  
Rutgers-New Jersey Medical School, Newark, NJ

**HOME ADDRESS:** 8900 Nairobi Place, Dulles VA 20189

**OFFICE ADDRESS:** 225 Warren Street, ICPH Building, Room C411, Newark, NJ 07103

**TELEPHONE NUMBER/E-MAIL ADDRESS:** 973-972-1289; jerrold.ellner@rutgers.edu

**CITIZENSHIP:** U.S. Citizen

### **EDUCATION:**

- A. Undergraduate Graduate and Professional  
Cornell University  
Ithaca, NY  
BA (Chemistry), Magna Cum Laude 1966
  
- B. Graduate and Professional  
Johns Hopkins University  
Baltimore, MD Doctor of Medicine (MD)  
1970

### **POSTGRADUATE TRAINING:**

- A. Internship and Residencies  
John Hopkins Hospital, Baltimore, MD  
Intern, Resident  
1970-72  
  
Johns Hopkins University School of Medicine, Baltimore, MD  
Chief Medical Resident, Chief of Service  
1975-1976
  
- B. Research Fellowships  
National Institute of Allergy and Infectious Diseases, NIH, Bethesda, MD  
Clinical Associate  
1972-75

### **MILITARY:**

### **ACADEMIC APPOINTMENTS:**

Department of Medicine  
Johns Hopkins University (School of Medicine)  
Assistant Professor of Medicine **1975-1976**

**Department of Medicine**  
Case Western Reserve University  
Assistant Professor  
**1976-1980**

Department of Infectious Disease Case  
Western Reserve University  
Chief  
**1979-1996**

Department of Medicine Case  
Western Reserve University  
Associate Professor  
**1980-1983**

**Department of Medicine** Case  
Western Reserve University  
Professor  
**1983-1999**

Department of Pathology  
Case Western Reserve University  
Professor  
**1986-1999**

Department of Medicine  
Case Western Reserve University  
Vice Chair  
**1996-1997**

Department of Medicine  
Case Western Reserve University  
Acting Chair  
**1997-1998**

Department of Medicine  
Case Western Reserve University  
Executive Vice Chair  
**1998-1999**

Department of Medicine  
UMDNJ- New Jersey Medical School  
Professor of Medicine  
**1999-2009**

Department of Medicine  
Ruy V. Lourenco Center for the Study of Emerging and Re-Emerging Pathogens,  
UMDNJ- New Jersey Medical School  
Director  
**1999-2006**

Department of Infectious Disease  
UMDNJ-New Jersey Medical School  
Chief  
**1999-2001**

Department of Medicine  
UMDNJ-New Jersey Medical School  
Vice Chair for Research

**1999-2001**

Department of Medicine  
UMDNJ-New Jersey Medical School  
Interim Chair  
**2001-2002**

Department of Medicine  
UMDNJ-New Jersey Medical School  
Chair  
**2002-2006**

Department of Medicine  
UMDNJ-New Jersey Medical School  
Scientific Director, Ruy V. Lourenco Center for the Study of Emerging and  
ReEmerging Pathogens, UMDNJ- New Jersey Medical School  
**2008-2009**

Department of Medicine  
Johns Hopkins University (School of Medicine)  
Adjunct Professor  
**2008-Present**

Department of Medicine  
Boston University (School of Medicine)  
Professor of Medicine  
**2009-(Sept) 2018**

Department of Medicine  
Rutgers, New Jersey Medical School  
Professor of Medicine and Director of  
Research Innovations, Center for Emerging Pathogens  
**(Oct)2018-date**

**HOSPITAL APPOINTMENTS:**

Department of Medicine  
University Hospital  
Rutgers, New Jersey Medical School  
**2018-date**

**OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS**

National Emerging Infectious Disease Laboratory  
Associate Director  
**2011-2016**

**LICENSURE:** *specialty/#/expiration*

Infectious Disease/703949/2019

**MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:**

American Board of Internal Medicine  
Member  
1973

American Board of Internal Medicine, Infectious Diseases  
Member  
1978

Central Society for Clinical Research  
Member  
1980

Councilor Midwest Section, American Federation for Clinical Research  
Member  
1981-1983

Midwest Section, American Foundation for Clinical Research  
Chair  
1984-1985

Infectious Diseases Society of America  
Fellow  
1984

American Society for Clinical Investigation  
Member  
1985

Association of American Physicians  
Member  
1991

American College of Physicians  
Fellow  
2004

#### **HONORS AND AWARDS:**

Sigma Xi  
1966

Phi Beta Kappa  
1970

Alpha Omega Alpha  
1970

Squibb Award  
Infectious Diseases Society of America  
1990

Outstanding Achievement  
Northeast Ohio Life, Health/Medicine  
1997-1998

“Top Doctor”, Infectious Disease  
New York Magazine  
2001-2007

“Top Doctor”, Infectious Disease  
New Jersey Monthly  
2002-2006

“Top Doctor”, Infectious Disease  
Castle Connolly Guide  
2003-Present

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:**

Member, Bacteriology and Mycology-1 Initial Review Group (Study Section), Division of Research Grants, National Institutes of Health, 1985-1989

Chair, Member, Bacteriology and Mycology-1 Initial Review Group (Study Section), Division of Grants, National Institutes of Health, 1987-1989

Chair, Ad Hoc Panel Review of Contract on Provision of Mycobacterium tuberculosis, Reagents, NIAID, NIH, phone review, 2004

Member, African AIDS Data Safety Monitoring Board, DAIDS, NIH, 2005-2008; 2012-2017

Chair, Review of HIV Prevention Leadership Groups, DAIDS, NIAID, NIH, 2013  
Special Emphasis Panel – NIAID Clinical Trials Implementation Grant, 2017 Board of Scientific Counselors (*ad hoc*) -NIAID-Dec 20-2019

**SERVICE ON MAJOR COMMITTEES:**

A. International

Immunology of Mycobacterial Diseases Steering Committee, World Health Organization, 1992-2000

Committee on the Evaluation of the VA Uniform Case Assessment Protocol, IOM, 1996-1998

Foundation of Science and Technology, Portugal Review Panel, Health Sciences – Microbiology, Epidemiology, Population Medicine and Public Health, 1999-2001

Founding Member, Academic Alliance for AIDS Care and Prevention in Africa, 2001-Present

Second Global Forum on TB Vaccine Development, Tallinn, Estonia, 2010

Member, Founding US Chair, Executive Committee, RePORT India consortium

B. National

Member, Tuberculosis Panel; U.S.-Japan Cooperative Medical Science Program, NIAID, NIH, 1983-86; 1988-1990

Pathogen Study Group for Mycobacterial Infections Opportunistic Infections Committee, AIDS Clinical Trials Group, NIAID, NIH, 1987-1990

U.S.-Indo Initiative for Collaborative Research on Tuberculosis, NIH, 1989

Advisory Council for Elimination of Tuberculosis, Centers for Disease Control, Public Health Service, 1989-1993

Chair, U.S.-Tuberculosis Panel; Japan Cooperative Medical Science Program, NIAID, NIH, 1990-1996

Executive Committee, AIDS Clinical Trial Group, NIAID, NIH, 1991-1995

U.S. Public Health Service Task Force on Prophylaxis and Therapy for Mycobacterium avium complex, 1992

Chair, Tuberculosis Committee, Infectious Diseases Society of America, 1992-1994

Scientific Team Leader, U.S.-India Tuberculosis Diagnostics Mission, NIH, 1993

MKSAP, Internal Medicine (ABIM Board Examination review), American College of Physicians, 1994-1995

NIAID Blue Ribbon Panel on Experimental Approaches to Improved Development and Testing of Anti-tuberculosis Drugs, NIH, 1994

U.S. Public Health Service – Infectious Diseases Society of America Joint Task Force on Prevention of Opportunistic Infections in HIV-Infected Patients, 1994

Steering Committee, HIV Vaccine Network (HIVNET), NIAID, NIH, 1995-1996

National Allergy and Infectious Diseases Advisory Council, NIH, 1995-1999

NIAID Extramural Tuberculosis Program Review, Priorities for Tuberculosis Research, NIH, 1996

Opportunistic Infections Sub-Panel, NIH AIDS Research Program Evaluation, Office of AIDS Research, NIH, 1996

MKSAP, Infectious Diseases, American College of Physicians, 1996-1997

U.S.-Delegation – Emerging Infectious Diseases, Johannesburg, South Africa, 1997

Co-Chair, Tuberculosis and Leprosy Panel; U.S.-Japan Cooperative Medical Science Program, NIAID, NIH, 1996-1999

AIDS Research Advisory Committee and AIDS Subcommittee Advisory Council, NIAID, NIH, 1996-1999

Office of AIDS Research Advisory Council, NIH, 1998-1999

Data Safety Monitoring Board, International Collaborations for Tropical Disease Research, NIAID, NIH, 2000-2005

Scientific Advisory Panel, Public Health Research Institute, 2000-2004

Advisory Panel, Priorities for Research on Pediatric Tuberculosis, National Heart Lung and Blood Institute, NIH, 2001

Twining and Volunteer Medical Programs, USAID, Washington, DC, 2003

Think Tank on Tuberculosis Vaccines, Bill and Melinda Gates Foundation, 2003

Scientific Advisory Committee, Heiser Foundation for Leprosy Research, 2004-Present

Data Safety and Monitoring Board for African Studies on AIDS, National Institute of Allergy and Infectious Diseases, 2005-2009

Gulf War and Health – Infectious Diseases Panel, Institute of Medicine, 2005-2006

Data Monitoring Committee, DMID Protocol 01-351, National Institute of Allergy and Infectious Diseases – BCG Vaccination of Health Adults, 2006-Present

Infectious Diseases and Antibiotics Stewardship Scientific Committee, Theradoc/Hospitira, Salt Lake City, Utah, 2007-Present

Data Safety Monitoring Committee – Centocor/Johnson and Johnson, 2009-2017

Emerging Infectious Diseases, U.S.-Japan Cooperative Medical Sciences Program, Malaysia, 2010

Executive Committee, National Emerging Infectious Disease Laboratory, 2010

Expert Panel Review of Tuberculosis Activities – AIDS Clinical Trials Group, NIAID, 2010

Joint NIAID-ISTC Workshop: Research Opportunities in Drug Discovery and Diagnostics, Moscow, Russian Federation, 2010

Concept Review – Latent TB Infection, AIDS Research Advisory Committee, 2012

Review Committee, HIV Prevention Network Leadership Group, DAIDS, NIAID, NIH, 2013

US Chair Executive Committee, RePORT India Consortium, 2014-2016

C. Medical School/University

Residency Selection Committee at Case Western Reserve University, 1976-1986

Executive Committee at Case Western Reserve University, 1979-1999

Chair for Search Committee for Chair of Microbiology for UMDNJ-New

Jersey Medical School, 2002-2003

Chair for Search Committee for Dean at UMDNJ- New Jersey Medical School, 2006

Session Chair, Joint Workshop, Harvard School of Public Health, U.S.-Japan TB and Leprosy Panel, U.S.-Japan Cooperative Medical Sciences Program, Boston MA, 2010

- D. Department  
Finance Committee- Department of Medicine, Member, 2012-2014
- E. Editorial Boards  
Clinical Infectious Diseases, 1992-1995  
  
Vaccine Research, 1992-1994  
  
Journal of Immunology, 1993-1995  
  
Tubercle and Lung Disease (Tuberculosis), 1997-2003  
  
Clinical and Translational Science, 2006-2012

#### **TEACHING RESPONSIBILITIES:**

##### A. Lectures or Course Directorships

**Case Western Reserve University**, Clinical Teaching--Ward Rounds in Internal Medicine and Consultation Rounds in Infectious Diseases, 10 Hours/week (1976-1999)

**Case Western Reserve University**, Microbiology and Infectious Disease, Lectures in Immunology, 5 Hours/year (1976-1999)

**Case Western Reserve University**, Grand Rounds in Medicine and Infectious Disease, Hours 3 hours/year (1976-1999)

**Case Western Reserve University**, Morning Report with Medical House, 10 Hours/year (1976-1999)

**UMDNJ-New Jersey Medical School**, Clinical Research Journal club with Medical House staff, 20 Hours/year (2004-2006)

**UMDNJ-New Jersey Medical School**, Professors Rounds, 10 Hours/month (**2002-2006**)

**Boston University School of Medicine (Boston Medical Center)**, Attending in Medicine and Consultant in Infectious Diseases, Infectious Diseases and Clinical Microbiology, 10 Hours/week (2009-Present)

#### **CLINICAL RESPONSIBILITIES:**

**University Hospital and Rutgers-New Jersey Medical School** Attending in Medicine and Consultant in Infectious Diseases

## GRANT SUPPORT:

### A. Principal Investigator

1. NIH/CRDF Global, Biomarkers for Risk of TB and for TB Treatment Failure and Relapse, 9/30/2013-10/01/2018, \$222,001 (annual)- Bridge Funding – renewal pending
2. NIH/FIC, Training of Ugandans in Basic Research on TB and Emerging Infectious Diseases, 03/12/2014 – 12/31/2018, \$198,927 (annual)-renewal pending
3. NIH/NIAID, Tuberculosis Research Unit: Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis, 08/01/2014 – 07/31/2021, \$3,244,606 (annual)
4. NIH/CRDF Global, INDO-US RePORT Common Protocol, 09/23/2015 – 10/01/2019, \$76,726 (annual)
5. NIH/CRDF Global, Impact of Pregnancy on Tuberculosis, 07/05/2016 – 07/04/2017, \$45,599
6. NIH/NIAID, Administrative Supplement - Role of Iron Deficiency in Resistance of Women of Child-Bearing Age to Tuberculosis, 08/01/2016 – 07/31/2017, \$50,000
7. NIH/NIAID, Accuracy of the Xpert Ultra for Diagnosis of Pulmonary Tuberculosis, 02/01/2017 – 01/31/2022, \$275,444 (multiple PIs)
8. NIH/NIAID, Impact of Pregnancy on TB, 08/25/2015-7/31/2019, \$639,658

### B. Co-Investigator

1. NIH/CRDF Global Transcriptional Signature of TB in Advanced HIV, 09/01/2017 – 08/31/2019, consultant

## PUBLICATIONS:

### A. Refereed Original Article in Journals

1. Randall E.W., **Ellner J.J.**, Zuckerman J.J. (p-d)-pi interactions in the silicon-nitrogen bond. An experimental test. *J. Am Chem. Soc.* 88:622, 1966.
2. Randall E.W., **Ellner J.J.**, Zuckerman J.J. Group IV - Nitrogen stretching frequencies. An unequivocal assignment. *Inorganic and Nucl. Chem. Letters* 1:109-112, 1966.
3. **Ellner J.J.**, Rosenthal A.S. Quantitative and immunologic aspects of the handling of 2,4 dinitrophenyl guinea pig albumin by macrophages. *J. Immunol.* 114:1563-1569, 1975.
4. Lipsky P.E., **Ellner J.J.**, Rosenthal A.S. Phytohemagglutinin induced proliferation of guinea pig thymus-derived lymphocytes. I. Accessory cell dependence. *J. Immunol.* 116:868-875, 1976.
5. **Ellner J.J.**, Lipsky P.E., Rosenthal A.S. Phytohemagglutinin induced proliferation of guinea pig thymus-derived lymphocytes. II. Accessory cell function. *J. Immunol.* 116:876880, 1976.
6. **Ellner J.J.**, Lipsky P.E., Rosenthal A.S. Antigen handling by guinea pig macrophages: further evidence for the sequestration of antigen relevant for activation of primed T lymphocytes. *J. Immunol.* 118:2053-2057, 1977.
7. Cohen P.L., **Ellner J.J.**, Shevach E.M. Induction of guinea pig antibody responses in vitro. *J. Immunol.* 118:2034-2039, 1977.
8. Petty B.G., Smith C.R., Wade J.C., Conrad G.L., Lipsky J.J., **Ellner J.J.**, Lietman, P.S. Double blind comparison of cefamandole and penicillin in pneumococcal pneumonia. *Antimicrob. Agents Chemother.* 14:13-23, 1978.

9. Wade J.C., Smith C.R., Petty B.G., Lipsky J.J., Conrad G., **Ellner J.J.**, Lietman, P.S. Cephalothin plus an aminoglycoside is more nephrotoxic than methicillin plus an aminoglycoside. *Lancet* II:604-606, 1978.
10. **Ellner J.J.** Pleural fluid and peripheral blood lymphocyte function in tuberculosis. *Ann. Intern. Med.* 89:932-933, 1978.
11. **Ellner J.J.** Suppressor adherent cells in human tuberculosis. *J. Immunol.* 121:2573-2578, 1978.
12. **Ellner J.J.**, Daniel T.M. Immunosuppression by mycobacterial arabinomannan. *Clin. Exp. Immunol.* 35:250-257, 1979.
13. Daniel T.M., **Ellner J.J.**, Todd L.S., McCoy D.W., Payne V.D.N., Anderson P.A., Bhe F.T. Immunobiology and species distribution of Mycobacterium tuberculosis Antigen 5. *Infect. Immun.* 24:77-82, 1979.
14. Reiner N.E., Kamel R.K., Higashi G.I., El Nagggar A., Aguib M., **Ellner J.J.**, Mahmoud A.A.F. Concurrent responses of peripheral blood and splenic mononuclear cells to antigenic and mitogenic stimulation in human hepatosplenic schistosomiasis. *J. Infect. Dis.* 140:162-168, 1979.
15. **Ellner J.J.**, Schacter B.Z., Bhe F.T. Tuberculin response of lymphocytes from human skin test nonreactors: evidence for in vitro primary sensitization of T-lymphocytes. *Cell. Immunol.* 45:213-220, 1979.
16. Spagnuolo P.J., **Ellner J.J.** Salicylate blockade of granulocyte adherence and the inflammatory response to experimental peritonitis. *Blood* 53:1018-1022, 1979.
17. **Ellner J.J.**, Mahmoud A.A.F. Killing of schistosomula of *Schistosoma mansoni* by normal human monocytes. *J. Immunol.* 123:949-951, 1979.
18. **Ellner J.J.**, Spagnuolo P.J. Suppression of antigen and mitogen-induced human T lymphocyte DNA synthesis by bacterial lipopolysaccharide: mediation by monocyte activation and production of prostaglandins. *J. Immunol.* 123:2689- 2695, 1979.
19. Andrews J.S. Jr., **Ellner J.J.**, Stevens D.P. Purification of *Giardia muris* trophozoites by using nylon fiber columns. *Am. J. Trop. Med. Hyg.* 29:12-15, 1980.
20. Spagnuolo P.J., **Ellner J.J.** Comparative stimulation of granulocyte adherence and chemotaxis by bacterial products. *Infect. Immun.* 27:519-524, 1980.
21. Spagnuolo P.J., **Ellner J.J.**, Hassid A., Dunn M.J. Thromboxane A<sub>2</sub> mediates augmented polymorphonuclear leukocyte adhesiveness. *J. Clin. Invest.* 66:406-414, 1980.
22. **Ellner J.J.**, Olds G.R., Kamel R., Osman G.S., El Kholy A., Mahmoud A.A.F. Suppressor splenic T lymphocytes in human hepatosplenic *Schistosomiasis mansoni*. *J. Immunol.* 125:308-312, 1980.
23. Spagnuolo P.J., **Ellner J.J.**, Bouknight R., Tomford J.W., Kleinhenz M.E., Edmonds K.L. Interrelationships of immunoregulatory cells and serum factors in sarcoidosis. *J. Immunol.* 125:1071-1077, 1980.
24. Olds G.R., **Ellner J.J.**, Kears L.A. Jr., Kazura J.W., Mahmoud A.A.F. Role of arginase in killing of schistosomula of *Schistosoma mansoni*. *J. Exp. Med.* 151:1557-1562, 1980.
25. **Ellner J.J.**, Olds G.R., El Kholy A., Mahmoud A.A.F. Dichotomies in the reactivity to worm antigen in human *Schistosomiasis mansoni*. *J. Immunol.* 126:309-312, 1981.
26. Olds G.R., **Ellner J.J.**, El Kholy A., Mahmoud A.A.F. Monocyte-mediated killing of schistosomula of *Schistosoma mansoni*: alterations in human schistosomiasis mansoni and tuberculosis. *J. Immunol.* 127:1538-1542, 1981.
27. Lederman M.M., **Ellner J.J.**, Rodman H.M. Generation of a soluble immune response suppressor factor (IRSF) by unstimulated leucocytes of healthy subjects. *Clin. Exp. Immunol.* 45:191-200, 1981.
28. Stewart S.J., Spagnuolo P.J., **Ellner J.J.** Generation of suppressor T-lymphocytes and monocytes by amphotericin B. *J. Immunol.* 127:135-139, 1981.
29. Olds G.R., Stewart S.J., **Ellner J.J.** Amphotericin B-induced resistance to *Schistosoma mansoni*. *J. Immunol.* 126:1667-1670, 1981.
30. Schacter B.Z., Kleinhenz M.E., Edmonds K.L. **Ellner J.J.** Spontaneous cytotoxicity of human peripheral blood mononuclear cells for the lymphoblastoid cell line CCRF-CEM. Augmentation by bacterial lipopolysaccharide. *Clin. Exp. Immunol.* 46:640-648, 1981.

31. Kleinhenz M.E., **Ellner J.J.**, Spagnuolo P.J., Daniel T.M. Suppression of lymphocyte responses by tuberculous plasma and mycobacterial arabinogalactan: monocyte dependence and indomethacin reversibility. *J. Clin. Invest.* 68:153-162, 1981.
32. **Ellner J.J.**, Spagnuolo P.J. Schacter B.Z. Augmentation of selective monocyte functions in tuberculosis. *J. Infect. Dis.* 144:391-398, 1981.
33. Lederman M.M., **Ellner J.J.**, Rodman H.M. Defective suppressor cell generation in juvenile onset diabetes. *J. Immunol.* 127:2051-2055, 1981.
34. Bass J.N., Spagnuolo P.J., **Ellner J.J.** Augmented neutrophil adherence in active and remote tuberculosis. *Am. Rev. Respir. Dis.* 124:643-645, 1981.
35. **Ellner J.J.**, Olds G.R., Lee C.W., Kleinhenz M.E., Edmonds K.L. Destruction of the multicellular parasite *Schistosoma mansoni* by T-lymphocytes. *J. Clin. Invest.* 70:369-378, 1982.
36. Spagnuolo P.J., Lederman M.M., Schiltz J., **Ellner J.J.**, Culp L. A possible role for cold insoluble globulin in chemotactic factor mediated polymorphonuclear leukocyte adherence to plastic. *Biochem. Biophys. Acta. Res. Commun.* 106:471-478, 1982.
37. Schacter B., Lederman M.M., LeVine M.J., **Ellner J.J.** Ultraviolet radiation inhibits human natural killer activity and lymphocyte proliferation. *J. Immunol.* 130:2484-2487, 1983.
38. Salata R.A., Schacter B.Z., **Ellner J.J.** Recruitment of OKM1 staining lymphocytes with selective binding to K562 tumor targets by interferon. *Clin. Exp. Immunol.* 52:185-190, 1983.
39. Olds G.R., El Kholy A., **Ellner J.J.** Two distinctive patterns of monocyte immunoregulatory and effector functions in heavy human infections with *Schistosoma mansoni*. *J. Immunol.* 131:954-958, 1983.
40. Greene B.M., Fanning M.M., **Ellner J.J.** Non-specific suppression of antigen-induced lymphocyte blastogenesis in human *Onchocerca volvulus* infection in man. *Clin. Exp. Immunol.* 52:259-265, 1983.
41. Brovall C., Levitz S., **Ellner J.J.**, Schacter B.Z. Radioresistance of culture-induced augmented natural killer activity. *Human Immunol.* 7:151-162, 1983.
42. Kleinhenz, M.E., **Ellner J.J.** Divergent T-gamma cell functions in antigen-blastogenesis: facilitory interactions with T non-gamma cells and participation in monocyte- and prostaglandin-mediated suppression. *J. Lab. Clin. Med.* 102:751-761, 1983.
43. Tweardy D.J., Schacter B.Z., **Ellner J.J.** Association of altered dynamics of monocyte surface expression of human leukocyte antigen-DR with immunosuppression in tuberculosis. *J. Infect. Dis.* 149:31-37, 1984.
44. Salata R.A., Kleinhenz M.E., Schacter B.Z., **Ellner J.J.** Augmentation of natural killer cell activity by lipopolysaccharide through separable effects on the binding of nonadherent lymphocytes to tumor targets and tumor killing. *Cancer Res.* 44:1044-1047, 1984.
45. Olds G.R., **Ellner J.J.** Modulation of macrophage activation and resistance by suppressor T-lymphocytes in chronic murine *Schistosoma mansoni* infection. *J. Immunol.* 133:2720-2724, 1984.
46. **Ellner J.J.**, Tweardy D.J., Osman G.S., Wilson C., El Kholy A., Rocklin R.E. Increased blastogenic responses to worm antigen and loss of adherent suppressor cell activity after treatment for human infection with *Schistosoma mansoni*. *J. Infect. Dis.* 151:320-324, 1985.
47. King C.H., Creger R.J., **Ellner J.J.** Pharmacokinetics of tobramycin and gentamicin in abusers of intravenous drugs. *J. Antimicrob. Agents Chemother.* 27:285-290, 1985.
48. Kleinhenz M.E., **Ellner J.J.** Immunoregulatory adherent cells in human tuberculosis: Radiation-sensitive antigen-specific suppression by monocytes. *J. Infect. Dis.* 152:171-176, 1985.
49. Calabrese L.H., Proffitt M.R., Rehm S., Lederman M., Carey J.T., Houser H.B., Edmonds K., **Ellner J.J.** Lack of correlation between promiscuity and seropositivity to HTLV-III from a low incidence area for AIDS. (letter) *N. Engl. J. Med.* 312:1256-1257, 1985.
50. Schmidt D.D., Zyzanski S., **Ellner J.J.**, Kumar M.L., Arno J. Stress as a precipitating factor in subjects with recurrent herpes labialis. *J. Fam. Prac.* 20:359-366, 1985.

51. Wallis R.S., Fujiwara H., **Ellner J.J.** Direct stimulation of monocyte release of interleukin1 by mycobacterial protein antigens. *J. Immunol.* 136:193-96, 1986.
52. Fujiwara H., **Ellner J.J.** Spontaneous production of a suppressor factor by the human macrophage-like cell line U937. I. Suppression of interleukin-1, interleukin-2 and mitogeninduced blastogenesis in mouse thymocytes. *J. Immunol.* 136:181-85, 1986.
53. Lederman M.M., Schacter B., LeVine M.J., **Ellner J.J.** Inhibition of human lymphocyte proliferation by ultraviolet radiation: effects of ultraviolet B (290-320 nM) on T-lymphocytes, monocyte accessory function and induction of suppressor mechanisms. *J. Lab. Clin. Med.* 107:66-72, 1986.
54. Fujiwara H., Kleinhenz M.E., Wallis R.S., **Ellner J.J.** Increased interleukin-1 production and monocyte suppressor cell activity associated with human tuberculosis. *Am. Rev. Respir. Dis.* 133:73-7, 1986.
55. Toossi Z., Kleinhenz M.E., **Ellner J.J.** Defective interleukin-2 production and responsiveness in human pulmonary tuberculosis. *J. Exp. Med.* 163:1162-1172, 1986.
56. Berk G.I., Lederman M.M., **Ellner J.J.** Staphylococcal protein A-primed leukocytes enhance stimulation of the autologous mixed lymphocyte reaction. *Am. J. Med. Sci.* 29:255-263, 1986.
57. Tweardy D.J., Fujiwara H., Scillian J.J., **Ellner J.J.** Concurrent enhancement of monocyte immunoregulatory properties and effector function by recombinant interferon-gamma. *Cell. Immunol.* 100:34-46, 1986.
58. King C.H., Spagnuolo P.J., **Ellner J.J.** Differential contribution of chemotaxis and opsonins to neutrophil-mediated killing of *S. mansoni* larvae. *Infect. Immun.* 52:748-755, 1986.
59. Rich E.A., **Ellner J.J.** Preliminary characterization of accessory cells in the nonadherent fraction of human blood mononuclear cells. *Cell. Immunol.* 103:339-51, 1986.
60. Salata R.A., Lederman M.M., Shlaes D.M., Jacobs M.R., Eckstein E., Tweardy D., Toossi Z., Chmielewski R., Marino J., King C.H., Graham R.C., **Ellner J.J.** Diagnosis of nosocomial pneumonia in intubated intensive care unit patients. *Am. Rev. Resp. Dis.* 135:426-32, 1987.
61. Fujiwara H., Toossi Z., **Ellner J.J.** Spontaneous production of a suppressor factor by a human macrophage-like cell line U937. II. Suppression of antigen- and mitogen-induced blastogenesis, IL-2 production and IL-2 receptor expression in T-lymphocytes. *J. Immunol.* 138:197-203, 1987.
62. Carey J.T., Lederman M.M., Toossi Z., Edmonds K., Hodder S., Calabrese L.H., Proffitt M.R., **Ellner J.J.** Augmentation of skin test reactivity and lymphocyte blastogenesis in patients with the acquired immunodeficiency syndrome treated with transfer factor. *JAMA* 257:651-5, 1987.
63. Rich E.A., Tweardy D.J., Fujiwara H., **Ellner J.J.** Spectrum of immunoregulatory functions and properties of human alveolar macrophages. *Am. Rev. Respir. Dis.* 136:258-265, 1987.
64. Kleinhenz M.E., **Ellner J.J.** Antigen responsiveness during tuberculosis: regulatory interaction of T-cell subpopulations and adherent cells. *J. Lab Clin. Med.* 110:31-40, 1987.
65. Tweardy D.J., Osman O.S., El Kholy A., **Ellner J.J.** Failure of immunosuppressive mechanisms in human *Schistosoma mansoni* infection with hepatosplenomegaly. *J. Clin. Micro.* 25:768-773, 1987.
66. Lederman M.M., Carey J.T., Schacter B., Aucott J., **Ellner J.J.** Lymphocytes of persons with the acquired immunodeficiency syndrome and related conditions express reactivity with the monoclonal antibody 4D12 reflective of in vivo lymphocyte activation. *Human Immunol* 20:279-291, 1987.
67. Rich E.A., Elmets C., Fujiwara H., **Ellner J.J.** Deleterious effects of ultraviolet-B radiation on accessory function of human blood adherent mononuclear cells. *Clin. Exp. Immunol.* 70:116-126, 1987.
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#### B. Books, Monographs and Chapters

1. Jacobson, K, Ellner, J.J. Chapter 324. Tuberculosis. In Cecil's Textbook of Medicine, 25<sup>th</sup> Edition, Editor (Andrew Schafer), in press; 2019.

#### PRESENTATIONS:

##### A. Scientific

Department of Chemistry, State University of New York, 1993

Carl G. Harford Visiting Professor of Medicine Washington University M. Glenn

Koenig Visiting Professor of Medicine, Vanderbilt University, 1994

University of Pennsylvania, Department of Medicine, 1995

New York University, Department of Medicine, 1995

Public Health Research Institute, New York, 1996

New York University, Center for AIDS Research, 1996 Henry Ford

Medical Center, Department of Medicine, 1997

University of Washington, Swedish Medical Center, Department of Medicine,  
1997

Texas A&M, Department of Medical Microbiology and Immunology, 2000

Emory University, Department of Medicine, 2001

University of Utah, Department of Medicine, 2001

University of Arkansas, Department of Medicine, Joseph H. Bates Lectureship, 2003

University of Minnesota, Department of Medicine, 2003

University of Lisbon, Department of Medicine, 2003

University of Lisbon, Department of Medicine, 2004

Winthrop University Hospital, Stony Brook, Infectious Diseases, 2004

National Institute of Allergy and Infectious Diseases, 2004

University of Lisbon, Department of Medicine, 2005

New York University, Department of Medicine, 2006

Seton Hall University, Department of Biology, 2006

Seton Hall University, Department of Medicine, 2007

Brigham Hospital, Department of Medicine, 2007

Professor in Residence, Infectious Diseases Institute, Makerere University, 2008

Boston University, Department of Medicine, 2009

Gulu University, Gulu, Uganda, 2009

Roger Williams Hospital, Providence RI, 2010

The Miriam Hospital, Providence RI, 2010

University of Pittsburgh, Pittsburgh PA, 2010

China-US Research to Eliminate TB, CURE-TB. Chengdu, China, 2013

University of Calgary, 5<sup>th</sup> Annual Research in Medicine Research Symposium, Keynote,  
2013

IV National Workshop of Brazilian Tuberculosis Research Network, 2014

RePORT India, 2015

RePORT International, 2016

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Texas A&M, 2017

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**Signature:**

Handwritten signature of Jerald Ellner, MD, written in black ink above a horizontal line.