

03/21/07

CURRICULUM VITAE

JOEL BARRY BASEMAN, PH.D.

PERSONAL

Place of Birth: Boston, Massachusetts
Marital Status: Married; three children

EDUCATION

1963 B.S. in Biology-Chemistry, Tufts University
1965 M.S. in Microbiology, University of Massachusetts, Amherst
1968 Ph.D. in Microbiology, University of Massachusetts, Amherst
1991 Certificate, Stanford Executive Program, Stanford University School of Business

PROFESSIONAL EXPERIENCE

1964-1965 Teaching Assistant, Department of Microbiology, University of Massachusetts
1965-1968 NIH Predoctoral Fellow, University of Massachusetts. Studied the aerobic spirochete, *Leptospira*, under C.D. Cox.
1968-1969 NIH Postdoctoral Fellow, The Biological Laboratories, Harvard University. Examined the mode of action of diphtheria toxin in the laboratory of A.M. Pappenheimer, Jr.
1969-1971 NIH Postdoctoral Fellow, Department of Microbiology and Molecular Genetics, Harvard Medical School. Studied hormonal regulation of animal cells in culture in the laboratory of H. Amos.
1971-1976 Assistant Professor, Department of Bacteriology and Immunology, The School of Medicine, The University of North Carolina at Chapel Hill
1976-1980 Associate Professor, Department of Bacteriology and Immunology, The School of Medicine, The University of North Carolina at Chapel Hill
1981- Professor and Chair, Department of Microbiology & Immunology, The University of Texas Health Science Center at San Antonio
2006-2007 Professor, Crossappointment in the Department of Surgery, The University of Texas Health Science Center at San Antonio

PROFESSIONAL SOCIETIES:

American Society for Microbiology
Sigma Xi
American Association for the Advancement of Science
Association of Medical School Microbiology and Immunology Chairs
International Organization for Mycoplasmaology
National Caucus of Basic Biomedical Science Chairs
American Association of Medical Colleges GREAT (Graduate Research Education and Training) Group

UNIV. OF TEXAS HEALTH SCIENCE CENTER -SAN ANTONIO COMMITTEES

- 1981-1983 Member, Dental School Promotions Committee
- 1981-1982 Chair, Medical School Committee on Student Attrition
- 1982-1983 Chair, Dental School Student/Faculty Relations Committee
- 1982-1983 Member, Search Committee for Chair, Department of Periodontics
- 1982-1983 Member, Medical School Long Range Planning Advisory Committee
- 1982-1983 Member, Committee on Disease Control
- 1982-1983 Member, National Science Foundation Proposal Committee
- 1983-1984 Member, Search Committee for Associate Dean for Research and Advanced Education (Dental School)
- 1983-1984 Member, Committee for Faculty External Professional Relations
- 1983-1984 Member, Institutional Prior Approval System (IPAS) Committee
- 1984-1985 Chair, Search Committee for Chair, Department of Pathology
- 1984-1985 Member, Search Committee for Director of Center for Oral Health Research
- 1985-1986 Member, Search Committee for Dean of the Graduate School
- 1985-1986 Member, Committee on Intellectual Property
- 1985-1986 Member, Committee to Review University Presence in the Texas Research Park
- 1985-1986 Member, Steering Committee for Center for Cell Regulation
- 1985-1986 Chair, University/Industry National Science Foundation Cooperative Research Center Review Group
- 1988-1989 Chair, Search Committee for Director of University of Texas Institute of Biotechnology
- 1988- Ad hoc member, Committee to Coordinate Renovations (P3) for Laboratory Animal Resources Facility
- 1988-1989 Member, Building Committee of the University of Texas Institute of Biotechnology
- 1989- Member, Graduate School of Biomedical Sciences Planning Committee
- 1991-1992 Chair, Search Committee for Chair, Department of Pharmacology
- 1992-1994 Member, Graduate School Strategic Planning Committee
- 1992-1993 Chair, United States Medical Licensing Examination (USMLE) Review Committee
- 1992- Chair, Committee for the Development of Educational and Research Programs with the Instituto Mexicano del Seguro Social (IMSS)
- 1993- Member, South Texas NIH BRIDGES Minority Science Advisory Committee
- 1993-1995 Chair, Institutional Strategic Plan Committee
- 1994-1995 Member, Search Committee for Department of Family Practice Chair
- 1995-1996 Member, South Texas Border Health Initiative Planning Committee
- 1996-1997 Chair, Search Committee for Department of Cellular & Structural Biology Chair
- 1996-2000 Member, South Texas Centers for Biology in Medicine Building Committee, Texas Research Park
- 1996- Member, Texas Research Park Advisory Committee
- 1996- Member, Executive Committee, Howard Hughes Medical Institute Research Resources Program
- 1996- Member, Self-Study Task Force, Current and Future Trends, Issues, and Priorities
- 1997- Member, Executive Committee, San Antonio Cancer Institute
- 1997-2000 Member, Allied Health/Research Building Steering Committee
- 1997- Member, Current/Future Trends, Issues and Priorities Task Force
- 1998- Member, Cancer Research Building Planning Committee
- 1999- Chair, Search Committee for Dean of Graduate School of Biomedical Sciences
- 1999- Chair, Regional Academic Health Center Research Planning Committee
- 2000- Member, Regional Academic Health Center Architectural Advisory Committee
- 2000- Chair, Regional Academic Health Center Planning Committee for the Hidalgo Research Division
- 2001- Member, Vaccine Development Committee
- 2001- Member, Committee on Technology Transfer and Policy Review

2001- Member, Committee on Management of Indirect Costs
2002- Coordinator, Biodefense Research Initiative
2002- Member, DOD Vaccine Facility Technical Committee
2003 Member, Executive Research Committee
2005 Member, University Research Council
2005 Member, Search Committee for Chair, Department of Molecular Medicine
2006 Member, Search Committee for Chair, Department of Radiation Oncology
2007 Member, Search Committee for Chair, Department of Medicine

PREDOCTORAL/POSTDOCTORAL TRAINING ACTIVITIES

Supervising Professor:

Rene Alvarez, Sowmya Balasubramanian, Martha Doenges, William Goldman, John Groelke, Duncan Krause, Coreen Johnson, Melissa Maret, Jean Nichols, Charles Pavia, Kenneth Peterson, Joy Ware, Loretta Willis, Wenbo Zhang

Member, Supervising Committee:

Kristin Abraham, Brick Ayola, Dory Brown, Victor Cansino, Brent Dove, Leigh Ann Feuerbacher, Scott, Jones, Jingliang Ju, Sue Kinder, Todd Kitten, Daniel Martin, Teresa Neal, Tim Nealon, Eric Pearlman, Michael Prouty, Adam Reeves, Janine Trempy, Janelle Scott, Shonna McBride

Exchange Ph.D. Students:

Oscar Quijada Pich, Universitat Autònoma de Barcelona, Institut de Biotecnologia, Barcelona, Spain
Priscilla Ueno, University of Sao Paulo, Instituto de Ciencias Biomedicas, Brazil

Postdoctoral Fellows:

John Abraham, John Alderete, Shatha Dallo, Subramanian Dhandayuthapani, Jorge Giron, Eric Hansen, P.C. Hu, Thirumalai Kannan, Debra Krieg, Deborah Leith, Joe Mammarrappallil, Glenda Mernaugh, Oxana Musatovova, Kenneth Peterson, Pushpam Sankar, Bradley Stiles, Chung Su, Deneé Thomas, Robert Thornburg, Victor Tryon

Teaching:

Classroom/Laboratory, Univ. of Texas Health Science Center at San Antonio (1981-present)

Topics in Microbiology	Instructor
Dental Microbiology	Instructor
Medical Microbiology	Instructor
Graduate Pathogenic Microbiology	Co-director, Instructor
Microbiology for Public Schools	Co-director, Instructor
Ethics Class for Graduate School Trainees	Participant (1995)
Ethics Class	Co-Director (1999)
Ethics Class	Director (2000-present)

SPECIAL PUBLIC LECTURES, etc. (INVITED UNIVERSITY SEMINARS NOT INCLUDED)

- Invited Speaker, American Society for Microbiology Symposium on Mechanisms of Microbial Virulence, Miami, Florida (1977)
- Invited Speaker, First Sexually Transmitted Diseases World Congress, San Juan, Puerto Rico (1981)
- Keynote Speaker, Gordon Research Conference on Pulmonary Biology, Plymouth, New Hampshire (1982)
- Keynote Speaker & Convener, 5th International Congress of the International Organization for Mycoplasmology, Jerusalem, Israel (1984)
- Convener and Speaker, Japan-U.S. Conference on Technology, San Antonio, Texas (1984)
- Keynote Speaker, Medical School Forum, College of Physicians and Surgeons of Columbia University, New York (1984)
- Invited Speaker, Licensing Executive Society Meeting on University/Industry Relations, San Antonio, Texas (1985)
- Invited Speaker, World Health Organization Scientific Meeting on Treponemal Infections, UCLA (1985)
- Invited Speaker, University of Alberta-University of Calgary Conference on Infectious Diseases, Banff, Canada (1986)
- Symposium Convener and Speaker, Molecular Basis of Pathogenesis, International Organization for Mycoplasmology, Birmingham, Alabama (1986)
- Invited Speaker, Gordon Research Conference on Molecular Mechanisms of Microbial Adhesion, Newport, Rhode Island (1987)
- Invited Speaker, UCLA Symposium on Bacteria-Host Cell Interaction, Park City, Utah (1987)
- Keynote Speaker, Biotechnology Conference for University Press, University of Texas Health Science Center at San Antonio (UTHSCSA) (1988)
- Convocation Speaker, Graduate School of Biomedical Sciences, UTHSCSA (1988)
- Invited Speaker, Molecular Mechanisms of Microbial Adhesion Conference, Gulf Shores, Alabama (1988)
- Invited Speaker and Convener, International Organization for Mycoplasmology, Istanbul, Turkey (1990)
- Invited Speaker and Participant, Workshop on Infection, American Academy of Orthopaedic Surgeons, Dallas/Ft. Worth, Texas (1990)
- Keynote Speaker, Canadian Bacterial Diseases Center of Excellence and the Biotechnology Laboratory, University of British Columbia, Vancouver, Canada (1991)
- Keynote Speaker, Buffalo Conference on Microbial Pathogenesis, Buffalo, New York (1991)
- Divisional Lecturer, American Society for Microbiology, Dallas, Texas (1991)
- Symposium Moderator and Speaker, Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) Meeting, Chicago, Illinois (1991)
- President's Address, American Association of Medical Microbiology and Immunology Chairs, Costa Rica (1993)
- Keynote Speaker, Senior Biology Symposium, Texas Lutheran College, Seguin, Texas (1993)
- Convener and Speaker, Symposium on Adhesins, 10th International Congress of the International Organization for Mycoplasmology (IOM), Bordeaux, France (1994)
- Rapporteur, American Association of Medical Colleges (AAMC) GREAT (Graduate Research, Education, and Training) Conference, Ft. Lauderdale, Florida (1995)
- Invited Speaker, Conference on Bacterial Interactions with Airway Cells and Secretions, Transatlantic Airway Conference, Lucerne, Switzerland (1996)
- Invited Speaker, General Meeting of the American Society for Microbiology, New Orleans, Louisiana (1996)
- Convener and Speaker, Congress of the International Organization for Mycoplasmology (IOM), Orlando, Florida (1996)
- Rapporteur, AAMC GREAT (Graduate Research, Education, and Training) Conference, Scottsdale, Arizona (1996)
- Keynote Speaker, Research Symposium on Pathogenic Mycoplasmas, Bordeaux, France, (1997)
- Symposium Convener and Speaker, American Society for Microbiology, Atlanta, Georgia (1998)

Invited Speaker, Canadian Bacterial Diseases Network, Canmore, Alberta (2000)
Keynote Speaker and Recipient of the Klieneberger-Nobel Award, 13th Congress of the International Organization for Mycoplasmaology, Fukuoka, Japan (2000)
Invited Speaker, VA-sponsored Data Monitoring Board on Gulf War Illnesses, Baltimore, MD (2000)
Invited participant, Peer Review Panel, American Institute of Biological Sciences (AIBS), Etiology of Illness Among Symptomatic Gulf War Veterans, Sterling, Virginia (2001)
Invited Speaker, AAMC Council of Academic Societies, Twenty-First Century Medicine, San Antonio, TX (2001)
Invited Speaker, General Meeting of the American Society for Microbiology, Salt Lake City, Utah (2002)
Invited Speaker, General Meeting of the American Society for Microbiology, Washington, DC (2003)
Invited Speaker, Second Conference of Asian Organization for Mycoplasmaology, Beijing, China (2005)
Invited Speaker, American Thoracic Society International Conference, Post Graduate Course, San Francisco, California, (2007)

CONSULTATIONS

National Institutes of Health (NIH)- and National Institute of Allergy and Infectious Diseases (NIAID)-related:

Chair, NIH Workshop on *Treponema pallidum* (1977)
Member, Site Visit Teams for the NIH Minority Biomedical Support Program, California, New York, Washington, D.C. and Texas (1977-1979)
Chair, NIH Contract Meeting on Bacterial Polysaccharide Vaccines (1978)
Member, Microbiology and Infectious Diseases Advisory Committee, NIAID (1978-1981)
Chair, NIH Contract Meeting on *Mycobacterium* (1979)
Chair, NIH Program Project Site Visit, Baylor College of Medicine (1979)
Chair, NIH Task Force Meeting on *Treponema pallidum* (1980)
Ad Hoc Member, NIAID Board of Scientific Counselors, Review of Rocky Mountain Laboratories at Hamilton, Montana (1981)
Ad Hoc Member, NIH Minority Biomedical Research Support Review Panel, Bethesda, Maryland (1983)
Ad Hoc Member, NIH Microbial Physiology and Genetics Study Section Review, Washington, D.C. (1983)
Ad Hoc Member, National Heart, Lung and Blood Institute Grant Review Section, Washington, D.C. (1984)
Ad Hoc Member, NIH Small Business Innovative Research Grant Review Section, Bethesda, Maryland (1984)
Ad Hoc Member, NIAID Board of Scientific Counselors, Review of Rocky Mountain Laboratories, Hamilton, Montana (1985)
Member, NIAID Sexually Transmitted Diseases Study Group, Bethesda, Maryland (1986)
Ad Hoc Member, National Institute of Dental Research Board of Scientific Counselors, Review of Intramural Laboratory of Microbiology and Immunology, Bethesda, Maryland (1986)
Convener, Microbial Surfaces: Determinants of Virulence and Host Responsiveness, NIAID Special Workshop, Oakland, California (1986)
Ad Hoc Member, NIAID Bacteriology and Mycology 2 Study Section, Site Visit to the University of Washington, Seattle, Washington (1988)
Organizing Committee Chair and Invited Speaker, NIH Workshop on Lyme Disease, Bethesda, Maryland (1988)
Member, NIAID Bacteriology and Mycology 2 Study Section (1988-1990)
Chair, NIAID Workshop on Mycoplasma/AIDS, San Antonio, Texas (1989)
Ad Hoc Member, National Advisory Allergy and Infectious Diseases Council, NIH, Bethesda, Maryland (1990)
Invited Participant, NIH Bacterial Pathogen Study Group, 8th AIDS Clinical Trials Group Meeting, Bethesda, Maryland (1990)
Invited Speaker and Convener, NIAID Strategies on Mycoplasmas, Bethesda, Maryland (1991)

Co-Chair, Panel on Intellectual Capital, Science Education and Professional Standards, NIH Framework for Development of a Strategic Plan, San Antonio, Texas (1992)

Panel Member, Molecular Immunology and Vaccine Development, NIH Strategic Plan, Bethesda, Maryland (1992)

Member, NIAID Vaccine Strategies in Human Challenge Studies (1992-1995)

Member, NIAID Intramural Program Review, Rocky Mountain Laboratories, Hamilton, Montana (1993)

Ad Hoc Member, NIH National Advisory Allergy and Infectious Diseases Council, Division of Microbiology

and Infectious Diseases Subcommittee, Bethesda, Maryland (1994)

Member, Special Review of NIH National Institute of Dental Research Laboratory (1995)

Member, NIAID AIDS Research Review Committee (1997-2000)

Ad Hoc Member, NIH National Institute of Allergy and Infectious Diseases, AIDS Clinical Epidemiology Research Review Branch (2000)

Ad Hoc Member, Site Visit Review, NIH National Institute of Child Health and Human Development, Laboratory of Development and Molecular Immunity (2002)

Chair, NIH Center for Scientific Review Special Emphasis Panel, Bethesda, Maryland (2003)

Chair, NIH Special Study Section Review, Bethesda, Maryland (2003)

Member, Regional Advisory Council (RAC), Region VI Regional Center of Excellence (RCE) in Biodefense & Emerging Infectious Diseases, The University of Texas Medical Branch, Galveston, Texas (2003)

Member, RCE Scientific Advisory Board, The University of Texas Medical Branch, Galveston, Texas (2003)

Associate Director, RCE Developmental Research Program, The University of Texas Medical Branch, Galveston, Texas (2003)

Member, Executive Committee, Sexually Transmitted Infections Topical Microbicides Cooperative Research Center (2006-2008)

Member, Steering Committee of the AADCRC (Asthma and Allergic Diseases Cooperative Research Center) (2006-2011)

Non-NIH related:

Member, Search and Selection Committee for the E.M. Stevens Chair of Biomedical Research, Department of Microbiology, Southwest Foundation for Biomedical Research (1982-1983)

Member, Food and Drug Administration Center for Drugs and Biologics, Site Visit to Pertussis Laboratory, Bethesda, Maryland (1985)

Member, Basic Sciences Review Committee, University of South Alabama College of Medicine, Mobile, Alabama (1986)

Member, Site Visit for Review of Department of Microbiology, Wayne State University, Detroit, Michigan (1988)

Member, Grant Review for the Oklahoma Center for the Advancement of Science and Technology, Oklahoma City, Oklahoma (1988)

Member, External Review Committee, Department of Microbiology, Louisiana State University Medical Center, School of Medicine, Shreveport, Louisiana (1990)

Member, Dental Branch Task Force, The University of Texas Health Science Center at Houston, Texas (1991)

Member, Planning Committee, International Organization for Mycoplasma (1992-1996)

Member, External Review Committee, Department of Microbiology and Immunology Graduate Program Review, University of Maryland, Baltimore (1993)

Member, Task Force for American Society for Microbiology Conferences (1993)

Member, Sexually Transmitted Diseases Review Panel, Center for Disease Control and Prevention, Atlanta, Georgia (1993)

Member, National Science Foundation Advisory Panel for New Young Investigator Award (1994-1995)

Member, Committee to Review the Graduate Program, Department of Medical Microbiology and Immunology, The Ohio State University, Columbus, Ohio (1995)
Member, Committee to Review the Dean of the Graduate School, The University of Texas Health Science Center at Houston (1995)
Member, Special Review Panel of Gulf War Illnesses, Department of the Army (1996)
Member, Site Visit Review Panel, Canadian Bacterial Diseases Network, Calgary, Canada (1997)
Member, Scientific Advisory Board, Canadian Bacterial Diseases Network, Canada (1998-2003)
Consultant, Department of Veterans Affairs, Cooperative Study on Antibiotic Treatment of Gulf War Syndrome (1998-2000)
Member, AAMC GREAT (Graduate Research Education and Training) Group Steering Committee (2000-2005)
Co-Chair, AAMC GREAT Group Policy Committee (2001)
Ad Hoc Member, National Science Foundation Review Panel (2002)
Member, External Review Committee, Department of Microbiology and Immunology Graduate Program Review, University of Florida School of Medicine, Gainesville, Florida (2002)
Member, External Review Committee, Department of Molecular Genetics and Microbiology, The University of Massachusetts Medical Center, Boston, Massachusetts (April 2005)
Member, External Review Committee, Department of Microbiology and Immunology Pre-doctoral Training Program, Medical University of South Carolina, Charleston, South Carolina (July 2006)

Also, I have consulted for various biotechnology/pharmaceutical companies over the past 10 years. Three patents have been awarded and others pending. In addition, I am involved in biotechnology start-ups.

MISCELLANEOUS PROFESSIONAL ACTIVITIES

Editorial Board, *Infection and Immunity* (1974-2000)
Editorial Board, *American Society for Microbiology News* (1981-1986)
Member, Committee for Forward Planning, The San Antonio Medical Foundation (1981-1983)
Chair, General Medical Microbiology Division, American Society for Microbiology (1981)
Member, Committee on Medical Microbiology and Immunology of the Public and Scientific Affairs Board, American Society for Microbiology (1984-1994)
Member, Texas Research and Technology Foundation, Scientific Advisory Board (1985-1993)
Co-Chair, San Antonio Science Collaborative Alliance for Education (1987-1995)
Chair, American Society for Microbiology President's Fellowship Committee (1989-1993)
Member, National Caucus of Basic Biomedical Science Chairs (1991-1993)
Team Leader, International Research Program on Comparative Mycoplasma (1991-1996)
Member, Selection Committee, Association of American Medical Colleges, Award for Distinguished Research in the Biomedical Sciences (1992)
President, Association of Medical School Microbiology and Immunology Chairs (1992-1993)
Member, Board of Directors, International Organization for Mycoplasma (1992-1994)
Member, Faculty Promotions Committee, Southwest Foundation for Biomedical Research (1993)
Member, External Search Committee for Chair of Department of Virology and Immunology, Southwest Foundation for Biomedical Research (1994-1995)
Senior Editor, *Federation of European Microbiological Societies (FEMS) Immunology and Medical Microbiology* (1995-2000)
Member, AAMC Group on Graduate Research, Education, and Training (GREAT) (1996-2004); Program Committee (1999-2000); elected to Steering Committee (2000-2004)
Councilor, American Society for Microbiology, Division G (2000-2002)
Member, Membership Board, American Society for Microbiology (2003-2006)
Chair, Career Development Committee, American Society for Microbiology (2003-2006)

CIVIC AND COMMUNITY ACTIVITIES

Public School Science Fair Judge, Bexar County-Texas
Career's Day Lecturer, Northside Independent School District and City of San Antonio
Public School Speech and Debate Judge, San Antonio
Co-Director, Microbiology for Public School Teachers in South Texas
Invited Speaker and Panel Member, Northside Independent School District, Gifted and Talented Program
Member, San Antonio Coalition for Education/Alliance ("America 2000" Planning Committee)
Member, Science Review Committee/Institutional Review Board, Clark High School
Witte Museum Scientific Advisory Committee

PROFESSIONAL FELLOWSHIPS AND AWARDS

National Institutes of Health (NIH) Predoctoral Fellow (1965-1968)
National Institutes of Health (NIH) Postdoctoral Fellow (1968-1971)
Jefferson-Pilot Award in Academic Medicine (University of North Carolina, 1974)
National Institutes of Health (NIH) Research Career Development Award (1976-1980)
Hormel Guest Professor Award, University of Minnesota and The Hormel Institute (1978)
Sherwood Lectureship Award, University of Kansas (1978)
Israel-North Carolina Faculty Exchange Scholar (1980)
Distinguished Speaker, Faculty Seminar Series, University of Texas Southwestern Medical Center at Dallas (1981)
Distinguished Scientist Lecturer, University of South Alabama College of Medicine, Mobile, Alabama (1987)
Distinguished Community Service Award, Northside Independent School District of San Antonio (1988)
Foundation Lecturer, American Society for Microbiology, University of Washington, Seattle, Washington; National Mine Health Academy, Beckley, West Virginia; Thomas Jefferson University, Philadelphia, Pennsylvania; University of Hawaii, Honolulu, Hawaii (1988-1989)
Stuart Mudd Memorial Lecturer, University of Pennsylvania and American Society for Microbiology, Philadelphia, Pennsylvania (1992)
Emmy Klieneberger-Nobel Award and Medal for Outstanding Career Research, International Organization for Mycoplasma, Fukuoka, Japan (2000)
Fellow, American Association for the Advancement of Science (2003)
Distinguished Lecturer, Miami University, Oxford, Ohio (2006)

CURRENT RESEARCH SUPPORT (as Director and Principal Investigator)

NIAID-NIH U19AI070412
Asthma and Allergic Diseases Cooperative Research Center
"Role of Unique ADP-ribosylating Vacuolating *Mycoplasma pneumoniae* Toxin in Asthma"

NIAID-NIH RO1 AI041010
"Biology and Pathogenicity of *Mycoplasma genitalium*"

NIAID-NIH RO1 AI45737
Mycoplasma pneumoniae – Airway Interplay

NIAID-NIH U19-AI45429
San Antonio Sexually Transmitted Infections Topical Microbicides Cooperative Research Center

Frost National Bank Research Trust Award

PUBLICATIONS (abstracts not included)

1. **Baseman, J.B.**, R.C. Henneberry, and C.D. Cox. 1966. Isolation and growth of *Leptospira* on artificial media. *J. Bacteriol.* 91:1374-1375.
2. **Baseman, J.B.**, and C.D. Cox. 1969. Intermediate energy metabolism of *Leptospira*. *J. Bacteriol.* 97:992-1000.
3. **Baseman, J.B.**, and C.D. Cox. 1969. Terminal electron transport in *Leptospira*. *J. Bacteriol.* 97:1001-1004.
4. Gill, D.M., A.M. Pappenheimer, Jr., and **J.B. Baseman**. 1969. Studies on transferase 2 using diphtheria toxin. *Cold Spring Harbor Symposium.* 34:595-602.
5. Henneberry, R.C., **J.B. Baseman**, and C.D. Cox. 1970. Growth of a water strain of *Leptospira* on synthetic media. *Antonie van Leeuwenhoek* 36:489-501.
6. **Baseman, J.B.**, A.M. Pappenheimer, Jr., D.M. Gill, and A.A. Harper. 1970. Action of diphtheria toxin in the guinea pig. *J. Exp. Med.* 132:1138-1152.
7. Collier, A.M., and **J.B. Baseman**. 1973. Organ culture techniques with mycoplasmas. *Annals N.Y. Acad. Sci.* 225:277-289.
8. **Baseman, J.B.**, D. Paolini, Jr., and H. Amos. 1974. Stimulation by insulin of RNA synthesis in chick fibroblasts. *J. Cell Biol.* 60:54-64.
9. Willis, M.V., **J.B. Baseman**, and H. Amos. 1974. Non-coordinate control of RNA synthesis in eucaryotic cells. *Cell* 3:179-184.
10. **Baseman, J.B.**, J.C. Nichols, J.W. Rumpp, and N.S. Hayes. 1974. Purification of *Treponema pallidum* from infected rabbit tissue: Resolution into two treponemal populations. *Infect. Immun.* 10:1062-1067.
11. **Baseman, J.B.**, and A.M. Collier. 1974. Diphtheria pathogenesis in guinea pig tracheal organ culture. *Infect. Immun.* 10:1146-1151.
12. **Baseman, J.B.**, and N.S. Hayes. 1974. Protein synthesis in *Treponema pallidum* extracted from infected rabbit tissue. *Infect. Immun.* 10:1350-1355.
13. Nichols, J.C., and **J.B. Baseman**. 1975. Carbon sources utilized by virulent *Treponema pallidum*. *Infect. Immun.* 12:1044-1050.
14. Van Wyk, J.J., L.E. Underwood, **J.B. Baseman**, R.L. Hintz, D.R. Clemmons, and R.N. Marshall. 1975. Explorations of the insulin-like and growth promoting properties of somatomedin by membrane receptor assays. *Adv. Metab. Disorders.* 8:127-150.
15. Hu, P.C., A.M. Collier, and **J.B. Baseman**. 1975. Alterations in metabolism of hamster trachea in organ culture following infection by virulent *Mycoplasma pneumoniae*. *Infect. Immun.* 10:704-710.
16. **Baseman, J.B.**, and N.S. Hayes. 1975. Differential effect of hormones on macromolecular synthesis and mitosis in chick embryo cells. *J. Cell Biol.* 67:492-498.
17. Powell, D.A., P.C. Hu, M. Wilson, A.M. Collier, and **J.B. Baseman**. 1976. Attachment of *Mycoplasma pneumoniae* to respiratory epithelium. *Infect. Immun.* 13:959-966.
18. **Baseman, J.B.**, J.C. Nichols, and N.S. Hayes. 1976. Virulent *Treponema pallidum*: Aerobe or anaerobe. *Infect. Immun.* 13:704-711.
19. Pavia, C., J. Folds, and **J.B. Baseman**. 1976. Depression of lymphocyte response to concanavalin A in rabbits with *Treponema pallidum* (Nichols strain). *Infect. Immun.* 14:320-322.
20. Hu, P.C., A.M. Collier, and **J.B. Baseman**. 1976. Interaction of virulent *Mycoplasma pneumoniae* with hamster tracheal organ cultures. *Infect. Immun.* 14:217-224.
21. Groelke, J., and **J.B. Baseman**. 1976. Serum can initiate DNA synthesis in cells rendered unresponsive to insulin and somatomedin. *Nature* 263:140-142.
22. Pavia, C.S., **J.B. Baseman**, and J.D. Folds. 1977. Selective response of lymphocytes from *Treponema pallidum* infected rabbits to mitogens and *Treponema reiteri*. *Infect. Immun.* 15:417-422.
23. Hu, P.C., A.M. Collier, and **J.B. Baseman**. 1977. Surface parasitism by *Mycoplasma pneumoniae* of respiratory epithelium. *J. Exp. Med.* 145:1328-1343.

24. Hayes, N.S., K.E. Muse, A.M. Collier, and **J.B. Baseman**. 1977. Parasitism by virulent *Treponema pallidum* of host cell surfaces. *Infect. Immun.* 17:174-186.
25. Collier, A.M., L.B. Peterson, and **J.B. Baseman**. 1977. Pathogenesis of infection of *Bordetella pertussis* in hamster tracheal organ cultures. *J. Infect. Dis.* 136:S196-S203.
26. Pavia, C.S., J.D. Folds, and **J.B. Baseman**. 1977. Development of macrophage migration inhibition in rabbits infected with virulent *Treponema pallidum*. *Infect. Immun.* 17:651-654.
27. **Baseman, J.B.**, and N. S. Hayes. 1977. Anabolic potential of virulent *Treponema pallidum*. *Infect. Immun.* 18:857-859.
28. Muse, K.E., L.A. Jackson, A.M. Collier, and **J.B. Baseman**. 1977. Pathogenesis of *Bordetella pertussis* infection in hamster tracheal organ culture. *Scanning Electron Microscopy II.* 263-269.
29. Pavia, C.S., J.D. Folds, and **J.B. Baseman**. 1977. Selective in vitro response of thymus-derived lymphocytes from *Treponema pallidum* infected rabbits. *Infect. Immun.* 18:603-611.
30. Muse, K.E., A.M. Collier, and **J.B. Baseman**. 1977. Scanning electron microscopic study of hamster tracheal organ cultures infected with *Bordetella pertussis*. *J. Infect. Dis.* 136:768-777.
31. Nichols, J.C., and **J.B. Baseman**. 1978. Ribosomal ribonucleic acid synthesis by virulent *Treponema pallidum*. *Infect. Immun.* 19:854-860.
32. **Baseman, J.B.**, J.C. Nichols, and S. Mogerley. 1979. Capacity of virulent *Treponema pallidum* (Nichols) for DNA synthesis. *Infect. Immun.* 23:392-397.
33. Ware, J.L., J.D. Folds, and **J.B. Baseman**. 1979. Serum of rabbits infected with *Treponema pallidum* (Nichols) inhibits in vitro transformation of normal rabbit lymphocytes. *Cell Immunol.* 42:363-372.
34. Hansen, E.J., R.M. Wilson, and **J.B. Baseman**. 1979. Isolation of mutants of *Mycoplasma pneumoniae* defective in hemadsorption. *Infect. Immun.* 23:903-906.
35. Hansen, E.J., R.M. Wilson, and **J.B. Baseman**. 1979. Two-dimensional gel electrophoretic comparison of proteins from virulent and avirulent strains of *Mycoplasma pneumoniae*. *Infect. Immun.* 24:468-475.
36. Groelke, J.W., **J.B. Baseman**, and H. Amos. 1979. Regulation of the G1 to S phase transition in chick embryo fibroblasts with α -keto acids and L-alanine. *J. Cell Physiol.* 101:391-398.
37. Alderete, J. F., and **J.B. Baseman**. 1979. Surface-associated host proteins on virulent *Treponema pallidum*. *Infect. Immun.* 26:1048-1056.
38. **Baseman, J.B.**, Z. Zachar, and N.S. Hayes. 1980. Concanavalin A-mediated affinity film for *Treponema pallidum*. *Infect. Immun.* 27:260-263.
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