

CURRICULUM VITAE

PERSONAL INFORMATION:

Burt Eugene Anderson

Date and place of birth: July 24, 1957; Coral Gables, FL
Citizenship: United States

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College of Medicine – MDC7
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EDUCATION:

Ph.D. (1988) Molecular Genetics, Department of Biology, Georgia State University, Atlanta, GA

B.S. (1980) Biology (Microbiology), Florida Atlantic University, Boca Raton, Fla. 33431

POSITIONS AND ACADEMIC APPOINTMENTS:

Professor, Department of Molecular Medicine, College of Medicine, University of South Florida, Tampa, FL. **2004-present**

Associate Professor, Department of Medical Microbiology and Immunology, College of Medicine, University of South Florida, Tampa, FL. **1999-2004**

Assistant Professor, Department of Medical Microbiology and Immunology, College of Medicine, University of South Florida, Tampa, FL. **1994-1999**

Infectious Disease Researcher, VA Medical Center, Bay Pines, FL. **July 1994 to present**

Adjunct Assistant Professor, Department of Biology, Georgia State University, Atlanta, Georgia. **1992-1994**

Supervisory Research Microbiologist (**1992-1994**) and Research Microbiologist (**1984-1992**) in Biosafety Level-3 Laboratory, Viral and Rickettsial Zoonoses Branch, Centers for Disease Control and Prevention, Atlanta, GA.

Microbiologist, Staphylococcus and Streptococcus Unit and Sexually Transmitted Diseases Lab Program, Centers for Disease Control and Prevention, Atlanta, GA. **1980-1984**

SPECIAL AWARDS AND HONORS:

UNITED STATES Patents issued:

Identification of a New *Ehrlichia* Species from a Patient Suffering from Ehrlichiosis. # 5,413,931. Issued: May 9, 1995, Role:Coinventor. Subsequent related patent issued; #5,789,176

Methods and Compositions for Diagnosing Cat Scratch Disease and Bacillary Angiomatosis.#5,399,485. Issued: March 21, 1995, Role: Coinventor. Subsequent related patents issued; #5,644,047, #5,693,776, #5,736,347, #6,406,887.

Activity of New N-Acylated Cyprofloxacin Derivatives Against Facultative Intracellular Bacteria. Role: Co-inventor. #8,143,398 Issued March 27, 2012.

UNITED STATES Patent Applications Pending:

Methods for the Development of an Attenuated Vaccine Candidate Strain of *Francisella tularensis* Role: Coinventor ID# 1372.478.PRC

Awards:

Finalist for Charles Shepard Award for Outstanding Scientific Publication. National Center for Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia, 1993.

Outstanding Contribution to the Program in Undergraduate Medical Education, University of South Florida, College of Medicine, Tampa, FL, 2001.

President's Award for Faculty Excellence, University of South Florida, Tampa, FL, 2003.

Nominated for Outstanding Sophomore Instructor, by Medical Student Class of 2004.

Host for Fulbright Scholar Recipient Pablo Baldi, PhD, from University of Buenos Aires, Argentina, March-May 2003.

TEACHING EXPERIENCE:

Graduate Coordinator – for Department of Medical Microbiology and Immunology, Masters degree students, 2005-2009

Graduate Coordinator – for Signature Program in Allergy, Immunology and Infectious Diseases Doctoral Program, 2008-present.

Course Co-director – Medical Microbiology and Immunology core course for 2nd year medical students (BMS6300), 2001/2002, 2002/2003, College of Medicine.

Course Director – Core Medical Microbiology course for MS/PhD students (GMS6100) – 2003-2008

Course Director and Developer – Foundations in Medical Microbiology and Immunology (GMS6103) –

2011-present

Course Co-Director - Grant and Scientific Writing (GMS7930), 2006

Course director - Molecular Microbiology Techniques (GMS6041) - 1996, 1998, 2000, 2003

Course director - Clinical Medical Experience – 1997-2000 College of Medicine

Coordinator for Bacteriology section of Medical Microbiology and Immunology course for 2nd year medical students (BMS6300), 1997-2011. Organized and presented lectures, conferences and laboratories, developed computer exercise to replace “wet labs”. 1994-present

Co-facilitator – Clinical Pathology Correlations/Clinical Problem Solving (BMS6832) – problem based learning groups, 1994, 1995, 1997, 1999, 2000-2003

Facilitator – Critical Care Clerkship (BCC8190), Conference on Sepsis, 2001, 2003

Lecturer

- Cellular and Molecular Biology Interdisciplinary Core Course, 2002
- Foundations in Biomedical Science (GMS6001), 2003-present
- Introduction to Biotechnology (BSC6436), 2007-present
- Host-parasite interactions (GMS6110), 2006-present
- Vaccines and Applied Immunology (GMS6114), 2008-present
- Exotic and Infectious Diseases (Emerging Infectious Diseases, PHC6510), College of Public Health, 2010-present,
- Responsible Conduct of Research, 2014-present

Lectured or participated in additional graduate student courses in the Department of Medical Microbiology and Immunology/Department of Molecular Medicine as outlined below (1994-present):

Research Planning and Methods (GMS6102)

Microbiology Laboratory Rotations (GMS6182)

Directed Research (GMS7418)

Graduate Seminar (GMS7939)

Supervised Teaching in Medical Microbiology and Immunology (GMS6940)

Doctoral Dissertation Research (GMS7980)

Graduate students trained (Major Professor):

Dana Scotchlas, M.S., 1994 (co-advisor, GSU)

Angela Johnson, M.S., 1995 (co-advisor, GSU)

Indira Padmalayam, Ph.D., 1996 (co-advisor, GSU)

Terri Bowers, Ph.D. 1998, (USF)

Sandra Resto-Ruiz, Ph.D. 2000, (USF)

Michael Schmiederer, Ph.D. 2002 (USF)

Amy McCord, Ph.D. 2006

Amy Hinchey, MS 2006

Wendy Sammons, PhD 2007

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Graduate Student Committee member:

James Kung (PhD, 1995)	Jeong-Im Sin (PhD, 1997)
Sasha Noe (PhD, 1999)	Ed Seijo (MS, 1999, Dept of Biology)
Rebecca Bowden (PhD, 1999)	Beverly Thomas (MS, 1999)
Noel Hawke (PhD, 2000)	Susan Dovhey (PhD, 2000)
Susan Nyland (PhD, 2001)	Susan Tate (MS, 2001)
Sumi Lee (PhD, 2001)	Ya Li Yao (PhD, 2001)
Chris Cote (PhD, 2002)	Shannon Williamson (PhD 2003, Marine Science)
Jon Briggs (PhD, 2005)	Aparna Tatavarthy (PhD 2005, Biological Sciences)
Jill Roberts (PhD, 2006, Public Health)	Nicole McCray (PhD, 2006)
Zhigang Yuan (PhD, 2007)	Joe Chou (PhD, 2008)
Felipe Bedoya (PhD, 2009)	Bernadette Ferraro (PhD, 2009)
Amy Hinchey(PhD, 2011)	Yvonne Davis (PhD, 2013)
Jason Morgan (CAS, CMMB)	Christina Krute (CAS, CMMB)
Whittney Burda (CAS, CMMB)	Derek Nichols
Amanda Hott	Adonis McQueen
Jillian Whelan	Michael Chueng
Lynn Wong	Marvin Duvalsaint
Eric Lewandowski	Mallory Gillam
Orville Pemberton	Andy Weiss (CAS, CMMB)
Devon Marking (MS, CMMB)	

SCIENTIFIC AND PROFESSIONAL SOCIETIES:

American Society for Rickettsiology, President 2001-2003, Vice President 2000-2001, Secretary/Treasurer 1998-2000, Member since 1985

American Society for Microbiology, Member since 1986

American Society for Microbiology - Florida Chapter, Councilor 1996-1998, Member since 1995

H. Lee Moffitt Cancer Center & Research Institute, Member since 1997

USF Signature Program Allergy Immunology and Infectious Diseases, Member since 2005

USF Center for Biomolecular Identification and Targeted Therapeutics, Member since 2007

MAJOR GRANT REVIEWING RESPONSIBILITIES

International Science Foundation Grant Proposal (1993)

Veterans Affairs Merit Grant Proposals (1997, 1999)

NIH/NIAID Special Study Section, Tropical Medicine and Parasitology (Dec. 1998)

NIH/NIAID Bacteriology and Mycology Study Section 1 (Ad hoc, Feb. 1999)

NIH Special Emphasis Panel, ZRG1 TMP(02) Dec. 1999, ZRG1 IDM-C (58) July 2009

International Science and Technology Center (ISTC), Nov. 2001

Wellcome Trust Fellowship, Jan. 2002

NIH/NIAID Bacteriology and Mycology Study Section 1 (Ad hoc, June 2002)

NIH/NIAID Bacteriology and Mycology Study Section 1 (Ad hoc, April 2003)

University of California, University Wide AIDS Research Program (Ad hoc, June 2007)

Pacific Southwest Regional Center of Excellence for Biodefense and Emerging Infectious Diseases, (ad hoc, August 2007)

NIH/CSR/BACP Bacterial Pathogenesis Study Section (ad hoc, Oct 2009, Feb. 2010)
NIH/CSR/ZRG-1 Special Emphasis Panel (Oct 2009)
NIH/CSR/ZAI1 International Collaborations in Infectious Disease Research (ICIDR panel),
Nov. 2009
CHRP California HIV/AIDS Research Program Review Panel, Jan 2010.
NIH/CSR/BACP Bacterial Pathogenesis Study Section Member, (2011-2015)

MAJOR COMMITTEES AND SERVICE (UNIVERSITY):

College of Medicine:

- Medical School Applicant Interviewer, 1994-2009
- Academic Computing Committee, Member 1996-1997
- LCME Self Study Committee IV, MD Degree Program Review, 1998
- Biosafety Level-3 Laboratory Core Facility, Director, 1998-present
- Curriculum Committee, 2001-2003
- Research Committee, 2001-2003
- Academic Performance and Review Committee, 2001-2003
- Medical Student Admission Committee, 2003-2006
- LCME Self Study Committee II, Institutional Setting: Academic Environment: Research/Graduate Programs/Basic Sciences, 2006
- Graduate Medical Sciences Education and Graduate Student Affairs Committee, member, 2006-2009, Chair, 2009-2011
- Signature Program in Allergy, Immunology and Infectious Diseases, Executive Council, 2006-present, and Director of Journal Club, 2006-2008, Graduate Program Coordinator, 2008-present.
- Department of Molecular Medicine Appointment Promotion and Tenure Committee, Member 2009-2013, Chair 2012-2014.
- Appointment Promotion and Tenure Committee, Member 2013-Present
- LCME Self Study Sub-Committee, Institutional Setting, 2014

University of South Florida:

- Institutional Biosafety Committee, Member 1999-2008, Chair 2008-present

MAJOR COMMITTEES (NATIONAL AND INTERNATIONAL)

Scientific Committee - 1st International Conference on *Bartonella* as Emerging Pathogens, March 5-7, 1999, Tubingen, Germany

Organizing Board - International Conference on Rickettsia and Rickettsial Diseases and American Society for Rickettsiology Joint meeting, June 13-16, 1999, Marseille – France

Host and Chair of Organizing Committee – 15th Meeting of the American Society for Rickettsiology, April 30-May 3, 2000, Captiva Island, Florida

Organizing Committee - International Conference on Rickettsia and Rickettsial Diseases and American Society for Rickettsiology Joint meeting, Sept 4-7, 2002, Ljubljana, Slovenia

Organizing Committee – Bacterial Genomics and Proteomics as Related to Biodefense. Sponsored by The National Institutes of Health's Office of Rare Diseases and National Institute of Allergy and Infectious Diseases. Sept. 27, 2003, Rocky Gap, Maryland

Organizing Committee - 18th Meeting of the American Society for Rickettsiology, Sept 28-Oct 1, 2003, Rocky Gap, Maryland

Organizing Committee – 19th Meeting American Society for Rickettsiology/ 4th International Conference on Rickettsia and Rickettsial Diseases Joint Meeting, June 18-21, 2005 – Logrono, Spain.

Organizing Committee – 20th Meeting American Society for Rickettsiology/ 5th International Conference on Bartonella as Emerging Pathogens, Sept. 2-7, 2006, Pacific Grove, CA

EDITORIAL RESPONSIBILITIES

Editorial Board 1995-2006

- Journal of Clinical Microbiology

Editorial Board 1996-2007

- Clinical and Diagnostic Laboratory Immunology

Reviewer of Manuscripts (Ad hoc) for following journals:

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| <ul style="list-style-type: none"> - Proceedings of the National Academy of Science - BioTechniques - Infection and Immunity - European Journal of Epidemiology - Cellular Microbiology - Emerging Infectious Diseases - Journal of the American Medical Association - Molecular and Cellular Probes - Infectious Agents and Cancer - Journal of Molecular Microbiology and Biotechnology - Circulation - Journal of Bacteriology - PLoS Pathogens - Int J Biochem Cell Biol - PLoS ONE - PLoS Neglected Tropical Diseases | <ul style="list-style-type: none"> - Molecular Microbiology - Gene - Vaccine - Journal of Infectious Diseases - Clinical Infectious Diseases - FEMS Microbiology Letters - Clinical Microbiology Reviews - Clinical Microbiology and Infection - Applied and Environmental Microbiology - Vector-Borne and Zoonotic Diseases |
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CURRENT GRANT SUPPORT

<u>TITLE (role)</u>	<u>GRANTING AGENCY</u>	<u>DATES</u>	<u>CURRENT AMOUNT</u>	<u>TOTAL AMOUNT</u>
A novel zebrafish embryo model to define virulence factors of <i>Bartonella henselae</i> (PI)	NIH-NIAID 1R21AI102560-01A1	8/15/14 to 7/31/16	224,250	411,125

GRANT APPLICATIONS, PENDING

None

PRIOR GRANT SUPPORT

<u>TITLE (role)</u>	<u>GRANTING AGENCY</u>	<u>DATES</u>	<u>CURRENT AMOUNT</u>	<u>TOTAL AMOUNT</u>
Regulation of virulence factors In <i>Bartonella henselae</i> (PI)	NIH-NIAID 2R01-AI038178-13	8/1/08 to 7/31/13	\$330,750	\$1,323,000
Regulation of virulence factors In <i>Bartonella henselae</i> (PI) ARRA Supplement	NIH-NIAID 3R01-AI038178-12S	7-26-10 to 2/25/12	\$145,482	\$145,482
Drug Discovery, Design and Delivery (PI)	DOD/DARPA HR0011-08-1-0087	8-22-08 to 8-21-10	\$800,000	\$1,200,000
Regulation of virulence factors In <i>Bartonella henselae</i> (PI)	NIH-NIAID Bridge Award R56-AI038178-10	8-1-07 to 7/31/08	\$326,500	\$326,500
<i>Francisella tularensis</i> virulence genes and their regulation (PI)	USF SIPAID Pilot Grant	5-1-07 to 4-30-08	\$20,000	\$20,000
<i>Bartonella henselae</i> antigens of biological significance (PI)	NIH-NIAID R01-AI38178 -09	4-1-02 to 3-31-07	\$326,250	\$1,300,280
<i>Francisella tularensis</i> virulence genes and their regulation (PI)	Univ. of South Florida - Research Council	1-2-06 to 12-31-06	\$4,200	\$ 4,200
Characterization of the pili-like surface structure of the bacterium <i>Bartonella henselae</i> (PI)	Univ. of South Florida - Research Council	5-1-01 to 4-30-02	\$7,500	\$ 7,500
Molecular Characterization of <i>Rochalimaea</i> Antigens (PI)	NIH-NIAID R29-AI38178	7-1-95 to 6-30-00	\$97,528	\$487,642
Identifying Antigenic Proteins of <i>Bartonella henselae</i> (PI/sponsor for graduate student-Michael Schmiederer)	NIH-NIDA F31-DA05866	6-1-98 to 5-31-01	\$17,662	\$ 71,890

Pathogenesis of <i>Bartonella henselae</i> (PI)	American Found. for AIDS Res. 02503-21-RG	1-1-97 to 12-31-97	\$55,608	\$55,608
Training in Psycho- neuroimmunology, AIDS and Drugs of Abuse (Primary Faculty Trainer, 5%, PI: H. Friedman)	NIH-NIDA T32 DA07245-08-12	9-30-91 to 6/30/02	\$216,038	\$1,080,189
Characterization of the Bacteriophage-like Particle of <i>Rochalimaea</i> <i>henselae</i> (PI)	Univ. of South Florida - Research Council	1-1-95 to 12-31-95	\$7,000	\$ 7,000

INVITED SYMPOSIA AND CONFERENCE PARTICIPATION

1989 American Society for Rickettsiology, Invited Speaker, Structure and Immunochemistry of Cloned Rickettsial Antigens, Diamond Point, New York.

1991 National Center for Infectious Diseases, Invited Speaker, Molecular Approaches to Taxonomy, Centers for Disease Control, Atlanta, Georgia.

1991 Office of Research and Development, Panel member for symposium on: Hierarchical Approaches to Identifying Unknown Biological Samples, Washington, DC

1991 National Center for Infectious Diseases, Invited Speaker, Grand Rounds Seminar: "Human Ehrlichiosis: a Case in the Wrong Place", Centers for Disease Control, Atlanta, Georgia

1992 American Society for Rickettsiology, Moderator, Genetics Session, Hamilton, Montana

1993 Interscience Conference on Antimicrobial Agents and Chemotherapy, Invited Speaker, Symposium on *Rochalimaea*-Associated Diseases. "Molecular Techniques for the Study of *Rochalimaea* Infections", Oct, 1993, New Orleans, LA

1994 American Society for Rickettsiology, Moderator, Rickettsial Phylogeny Session, St. Simons Island, Georgia, Sept. 1994

1994 Pediatric Grand Rounds, Invited Speaker, "Cat-Scratch Disease- a Mystery Solved", Tampa General Hospital, Tampa, Florida, Oct. 1994.

1994 Suncoast Biomolecular Conference, Invited speaker, Infection, Immunity and AIDS session, "*Rochalimaea* Infections in AIDS Patients", University of South Florida, Tampa, FL, Nov. 1994.

1996 American Society for Rickettsiology, Moderator, *Bartonella* session, Pacific Grove, California, March 1996.

1997 Maternal/Child H.I.V. Care Conference, Invited speaker, Cat Scratch Disease and AIDS, Clearwater Beach, Florida, April 1997.

1997 American Society for Rickettsiology, Moderator, *Bartonella* session, Champion, Pennsylvania, Sept. 1997.

1999 1st International Conference on Bartonella as Emerging Pathogens, Invited speaker, Genetics and Genomics session: Assembly and DNA packaging of the bacteriophage particle of *Bartonella henselae*. Max Planck Institute, Tubingen, Germany, March 1999.

2001 American Society for Rickettsiology- 2nd International Conference on *Bartonella* as an emerging pathogen Joint Conference. Invited speaker, Variation in *Bartonella* surface proteins. Big Sky Montana. Aug. 18-22.

2001 South Central Association of Clinical Microbiology Audioconference. The Ehrlichiae. Nov. 13.

2003 Invited speaker. University of Miami, Department of Medical Microbiology Seminar. A novel mechanism of pathogenesis by the bacterium *Bartonella henselae*: activation of a paracrine angiogenic loop. Miami, FL. June 5.

2003 Bacterial Genomics and Proteomics as Related to Biodefense. Invited participant in satellite meeting organized by NIH/NIAID. Rocky Gap, Maryland, Sept. 27.

2003 Invited speaker. Georgia State University. Department of Biology "Concepts in Bacterial Pathogenesis" seminar series. A novel mechanism of pathogenesis by the bacterium *Bartonella henselae*: activation of a paracrine angiogenic loop. Atlanta, GA Oct 10.

2006 Invited Speaker. American Society for Rickettsiology- 5th International Conference on *Bartonella* as an emerging pathogen Joint Conference. Pacific Grove, CA. Sept. 2-7.

2006 Invited Speaker. Albany Medical College. Center for Immunology and Microbial Disease seminar series. Modulation of cellular and bacterial gene expression involved in *Bartonella henselae*- induced angiogenesis. Albany, NY Oct. 23, 2006.

2008 Invited Speaker. Life Link Lunch-n-Learn Seminar Series. *Bartonella*, Cats and much more. Tampa, FL Jan. 29, 2008

2009 Invited Speaker. Signature Program in Allergy Immunology and Infectious Diseases Symposium: Advances in Chronic Infections and Inflammatory Diseases. Jan. 29-30, 2009

2010 Invited Speaker. Department of Cell Biology, Microbiology and Molecular Biology Fall Seminar series. Modulation of cellular and bacterial gene expression involved in *Bartonella henselae*- induced angiogenesis. Tampa, FL Oct. 8, 2010

2010 Invited Speaker. Department of Chemistry Colloquium. Intracellular bacteria - defining regulatory circuits as potential antibacterial targets and characterizing activity of N-acyl ciprofloxacin derivatives. Tampa, FL Oct. 12, 2010

BIBLIOGRAPHY:

Papers published in peer-reviewed journals:

1. Anderson, B.E., Odugbemi, T., and Johnson, S.R. 1982. Penicillinase producing *Neisseria gonorrhoeae* strains from Nigeria with Far Eastern type plasmid. *Lancet* i: 676.
2. Johnson, S.R., Anderson, B.E., Biddle, J.W., Perkins, G.H. and DeWitt, W.E. 1983. Characterization of concatemeric plasmids of *Neisseria gonorrhoeae*. *Infect. Immun.* 40: 843-846.
3. Anderson, B.E., Albritton, W.L., Biddle, W.J., and Johnson, S.R. 1984. Common beta-lactamase-specifying plasmid in *Haemophilus ducreyi* and *Neisseria gonorrhoeae*. *Antimicrob. Agents Chemother.* 25: 296-297.
4. Anderson B.E., Regnery, R.L., Carlone, G.C., Tzianabos, T., McDade, J.E., Fu, Z.Y., and Bellini, W.J. 1987. Sequence analysis of the 17-kilodalton-antigen gene from *Rickettsia rickettsii*. *J. Bacteriol.* 169: 2385-2390.
5. Anderson, B.E., Baumstark, B.R., and Bellini, W.J. 1988. Expression of the gene encoding the 17-kilodalton-antigen from *Rickettsia rickettsii*: Transcription and posttranslational modification. *J. Bacteriol.* 170:4493-4500.
6. Anderson, B.E., and Tzianabos, T. 1989. Comparative sequence analysis of a genus-common rickettsial antigen gene. *J. Bacteriol.* 171:5199-5201.
7. Tzianabos, T., Anderson, B.E., and McDade, J.E. 1989. Detection of *Rickettsia rickettsii* DNA in clinical specimens using polymerase chain reaction technology. *J. Clin. Microbiol.* 27:2866-2868.
8. Anderson, B.E., McDonald, G.A., Regnery, R.L., and Jones, D.C. 1990. Protective protein antigen of *Rickettsia rickettsii* has tandemly repeated, near-identical sequences. *Infect. Immun.* 58:2760-2769.
9. Anderson, B.E., Baumstark, B.R., and Bellini, W.J. 1990. Nucleotide sequence of the P34 gene from *Rickettsia rickettsii*. *Nucleic Acids Res.* 18:7168.
10. Wilson, K. H., and Anderson, B. 1991. Letter to the Editor, *N. Eng. J. Med.* 324:1512.
11. Dawson, J. Anderson, B.E., Fishbein, D.B., Sanchez, J.L., Goldsmith, C.S., Wilson, K.H., and Duntley, C.W. 1991. Isolation and characterization of an *Ehrlichia* sp. from a patient diagnosed with human ehrlichiosis. *J. Clin. Microbiol.* 29:2741-2745.
12. Regnery, R.L., Anderson, B.E., Rodriguez, M., Jones, D.C., and Carr, J.H. 1992. Characterization of a novel *Rochalimaea* species, *R. henselae* sp. nov., isolated from blood of a febrile, human immunodeficiency virus-positive patient. *J. Clin. Microbiol.* 30:265-274.
13. Anderson, B.E., Dawson, J., Jones D., and Wilson, K. 1991. *Ehrlichia chaffeensis*, a new species associated with human ehrlichiosis. *J. Clin. Microbiol.* 29:2838-2842.

14. Anderson, B.E., Greene, C. E., Jones, D. C., and Dawson, J. E. 1992. *Ehrlichia ewingii* sp. nov.: Etiologic agent of canine granulocytic ehrlichiosis. Int. J. Syst. Bacteriol. 42:299-302.
15. Anderson, B.E., Sumner, J.W., Dawson, J.E., Tzianabos, T., Greene, C.R., Olson, J.G., Fishbein, D.F., Olsen-Rasmussen, M., Holloway, George, E.H., and Azad, A.F. 1992. Detection of the etiologic agent of human ehrlichiosis by polymerase chain reaction. J. Clin. Microbiol. 30:775-780.
16. Jones, D.C., Anderson, B.E., Olson, J.G. and Greene, C.R. 1993. Enzyme-linked immunosorbent assay for detection of human Immuno-globulin G to lipopolysaccharide of spotted fever group rickettsiae. J. Clin. Microbiol. 31:138-141.
17. Anderson, B. 1992. The etiologic agent of human ehrlichiosis. (letter) Pediatr. Inf. Dis. J. 11:597-598.
18. Dunn, B.E., Monson, T.P., Dumler, J.S., Morris, C.C., Westbrook, A.B., Dawson, J.E., Sims, K.G., and Anderson, B.E. 1992. Identification of *Ehrlichia chaffeensis* morulae in cerebrospinal fluid mononuclear cells. J. Clin. Microbiol. 30:2207-2210.
19. Anderson, B., and McDonald, G. 1993. Construction of DNA libraries of A-T rich organisms using *EcoRI* star activity. Anal. Biochem. 211:325-327.
20. Anderson, B., Kelly, C., Threlkel, R., and Edwards, K. 1993. Detection of *Rochalimaea henselae* in cat-scratch disease skin-test antigens. J. Infect Dis. 168:1034-1036.
21. Anderson, B., Sims, K., Olson, J., Childs, J., Piesman, J., Happ, C., Maupin, G., and Johnson, B. 1993. *Amblyomma americanum*: a potential vector of human ehrlichiosis. Am. J. Trop. Med. Hyg. 49(2):239-244.
22. Sumner, J., Sims, K., Jones, D., and Anderson, B. 1993. *Ehrlichia chaffeensis* expresses an immunoreactive protein homologous to the *Escherichia coli* GroEL protein. Infect. Immun. 61:3536-3539.
23. Paddock, C., Suchard, D., Grumbach, K., Hadley, W., Kerschmann, R., Abbey, N., Dawson, J., Anderson, B., Sims, K., Dumler, J., and Herndier, B. 1993. Fatal seronegative human ehrlichiosis in a patient with human immunodeficiency virus disease. N. Eng. J. Med. 329:1164-1167.
24. Kakoma, I., Hansen, R.D., Anderson, B.E., Hanley, T.L., Sims, K.G., Liu, L., Bellamy, C., Long, M.T., and Baek, B.K. 1994. Cultural, molecular and immunological characterization of the etiologic agent for atypical canine ehrlichiosis. J. Clin. Microbiol. 32:170-175.
25. Anderson, B., Sims, K., Regnery, R., Robinson, L., Schmidt, M.J., Gorel, S., Hager, C., and Edwards, K. 1994. Detection of *Rochalimaea henselae* DNA in clinical specimens from cat-scratch disease patients by using polymerase chain reaction. J. Clin. Microbiol. 32:942-948.
26. Waldvogel, K., Regnery, R.L., Anderson, B.E., Caduff, R., Caduff, J., and Nadal, D. 1994. Disseminated cat-scratch disease associated with *Rochalimaea henselae*. Eur. J. Pediatr.

153:23-27.

27. Anderson, B., Goldsmith, C., Johnson, A., Padmalayam, I., and Baumstark, B. 1994. Bacteriophage-like particle of *Rochalimaea henselae*. Molecular Microbiol. 13:67-73.
28. Le, H.H., Palay, D.A., Anderson, B., and Steinberg, J.P. 1994. Conjunctival swab to diagnose ocular cat-scratch disease. Amer. J. Ophthalmol. 118:249-250.
29. Goral, S., Anderson, B., Hager, C., and Edwards, K.M. 1994. Detection of *Rochalimaea henselae* DNA by polymerase chain reaction from suppurative nodes of children with cat scratch disease. Ped. Inf. Dis. J. 13:994-997.
30. Sumner, J., Sims, K., Jones, D., and Anderson, B. 1995. Protection of guinea pigs from experimental Rocky Mountain spotted fever with baculovirus expressed *Rickettsia rickettsii* rOmpA protein. Vaccine 13 (1):29-35.
31. Demers, D., Bass, J., Vincent, J., Person, D., Noyes, D., Staeger, C., Samlaska, C., Lockwood, N., Regnery, R., and Anderson, B. 1995. Cat-scratch disease in Hawaii: etiology and seroepidemiology. J. Pediatr. 127:23-26.
32. Anderson, B., Lu, E., Jones, D., and Regnery, R. 1995. Characterization of a 17-kDa antigen of *Bartonella henselae* reactive with sera from patients with cat-scratch disease. J. Clin. Microbiol. 33:2358-2365.
33. Anderson, B., and Edwards, K. 1995. Cat-scratch disease: a mystery solved ? Contemporary Pediatrics. 12:17-32.
34. Holmes, A., Greenough, T., Balady, G., Regnery, R., Anderson, B., O'Keane, J., and McCrone, E. 1995. *Bartonella henselae* endocarditis in an immunocompetent adult. Clin. Infect. Dis. 21:1004-1007.
35. McDade, J.E., and Anderson, B. 1996. Molecular epidemiology: applications of nucleic acid amplification and sequence analysis. Epidemiol. Rev. 18:90-97.
36. Anderson, B., D. Jones, and A. Burgess. 1996. Cloning, expression and sequence analysis of the *Bartonella henselae* gene encoding the HtrA stress-response protein. Gene 178:35-38.
37. Scott, M.A., McCurley, T.L., Vnencak-Jones, C.L., Hager, C., McCoy, J.A., Anderson, B., Collins, R.D., and Edwards, K.A. 1996. Cat scratch disease - detection of *Bartonella henselae* DNA in archival biopsies from patients with clinically, serologically, and histologically defined disease. Am. J. Pathol. 149:2161-2167.
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