CURRICULUM VITAE

PERSONAL INFORMATION:

Burt Eugene Anderson

Citizenship: United States

Address: Department of Molecular Medicine
College of Medicine – MDC7
University of South Florida
12901 Bruce B. Downs Blvd.
Tampa, FL 33612
Phone: (813) 974-2608
Fax: (813) 974-7357
Email: banderso@usf.edu

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:

Assistant Vice President, USF Health Office of Faculty and Academic Affairs. **2024-present**

Associate Dean, Office of Faculty and Academic Affairs, USF Health, University of South Florida. **2018-present**

Professor (**2004-present**) and Vice Chair (**2017-present**), Department of Molecular Medicine, College of Medicine, University of South Florida, Tampa, FL.

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. **1994-2004**

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

Supervisory Research Microbiologist GM14 (**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**

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 Ciprofloxacin Derivatives Against Facultative Intracellular Bacteria. Role: Co-inventor. #8,143,398 Issued March 27, 2012.

UNITED STATES Patent Applications Not Pursued:

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.

Robert J. Grasso Award for Outstanding Dedication to Graduate Education, 2015-2016

Outstanding Instructor, Morsani College of Medicine Freshman Class of 2022, 2020

Academy of Distinguished Educators, Member Charter Class, Morsani College of Medicine, 2021

Senior Member, National Academy of Inventors, inducted 2023

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 Director – Basic Medical Immunology and Microbiology (GMS6141 online), 2014-2019

Course Director – Basic Medical Immunology and Microbiology (GMS6141 In class), 2017-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

Course Co-Director – Integrating Basic Sciences and Clinical Infectious Diseases (MDT8200) 2018

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". 1994-2015

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
- Infectious Disease Elective (MDT8200A) 2018

Lecturer
- Medical Courses 1-7 (Current)
- Cellular and Molecular Biology Interdisciplinary Core Course, 2002
- Foundations in Biomedical Science (GMS6001), 2003-2018
- 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, 2010-2017
- Responsible Conduct of Research, 2014-2016
- Principles of Molecular Medicine renamed Human Structure and Function (GMS6604) 2013-present
- Quantitative Genomics Course, COPH 2021

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)

Honors Undergraduate trained/mentored:

Colton Faza (2010-2012)
Zachary Burden (2010-2011)
Robert Ackermann (2011-2013)
Omar Jureyda (2015-2016)

Masters students trained/mentored:

Angela Johnson (1994-1995)
Dana Scotchlas (1993-1994)
Amy Hinchey (2005-2006)
Wedlin Sainval (2010-2011)
Devon Gillaspie (2007-2009)
Scott Pangonis (2008-2011)
Kirstin LaBell (2009-2011)
Rebecca Kapolka (2009-2011)
Sarah Thomas (2009-2012)
John Thomas (2009-2011)
Chris Laird (2013-2014)
Jaime Sanchez,(2015)
Zahra Bandeali (2014-2015)
Gael Nicolas (2014-2015)
Alicia Graham (2016-2017)
Eric Taylor (2016-2017)
Leslie Roman (2016-2017)
Sierra George (2018-2019)
Amber Stout (2020-2021)
Thomas Damato (2021-2022)
Maya Lee (2021-2022)
Rico Carter (2022-2024)

Doctoral students trained (Major Professor):

Indira Padmalayam, Ph.D., 1996 (co-advisor, GSU)
Terri Bowers, Ph.D. 1998
Sandra Resto-Ruiz, Ph.D. 2000
Michael Schmiederer, Ph.D. 2002
Amy McCord, Ph.D. 2006
Wendy Sammons, PhD 2007
Amorce Lima, PhD 2014
Nhan Tu, PhD 2015
Udoka Okaro, PhD 2019

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, CAS)
Jill Roberts (PhD, 2006, COPH)
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 (PhD 2014, CAS)
Christina Krute (PhD 2014,CAS)
Whittney Burda (PhD 2014,CAS
Derek Nichols (PhD, 2015)
Amanda Hott (PhD, 2015)
Devon Marking (MS, 2015, CAS)
Jillian Whelan (PhD, 2016)
Eric Lewandowski (PhD, 2016)
Michael Cheung (PhD, 2016)
Alexis Killeen (PhD, 2016)
Lynn Wong (PhD, 2016)
Marvin Duvalsaint (PhD, 2016)
Mallory Gillam (PhD, 2017)
Orville Pemberton (PhD 2017)
Andy Weiss (PhD, 2017CAS)
Adonis McQueen (PhD 2018)
Jamie Meegan (PhD 2018)
Leila Casella (PhD 2019, CAS)
Brooke Nemec (PhD 2021 CAS)
Ishani Wickramage (PhD 2023)
Caroline Simmons (PhD 2023)
Justin Nicholas (PhD 2023)
Kristen Dominguez (PhD, 2024)
Sierra George
William Cromwell
Alexis Scaffidi (Rickman)
Brandi Miller
Clem Marsilia
Mary Avornyo
Allison Richards (MS, Dept Mol Biosci, CAS)
Logan Desilets (PhD, Dept Mol Biosci, CAS)

Post-doctoral trainees:

Andrew Burgess, PhD (1999-2002)
Sandra Resto-Ruiz, PhD (2000-2002)
Pablo Baldi, PhD (2003, Fulbright Scholar)
Glenn Roma, PhD (2008-2010)
Lisa Smith, PhD (2009-2012)
Amorce Lima, PhD (2014-2015)
Nhan Tu, PhD (2016)

Other teaching/educational accomplishments:

Culminated a project spanning over 10 years to prepare “Bug Bios”, an in-house teaching aid to help medical students and pre-professional students prepare for course exams and USMLE Step 1. A collection of over 150 Bug Bios were made available for the Med IIs in advance of Step 1 in 2020.

April 2026 – organized and presented a Microbiology Review for Med IIs preparing for USMLE Step 1 Exam.

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 Standing Member, (2011-2015)
Science Foundation of Ireland (2016)
Israeli Science Foundation (2017)
University of Missouri Research Board (2017)

MAJOR COMMITTEES AND SERVICE (UNIVERSITY):

College of Medicine:

- Medical School Applicant Interviewer, 1994-2009, 2015-present
- Academic Computing Committee, Member 1996-1997
- LCME Self Study Committee IV, MD Degree Program Review, 1998
- Biosafety Level-3 Laboratory Core Facility, Director, 1998-2015
- 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.
- COM Appointment Promotion and Tenure Committee, Member 2013-2017, Chair 2015-2017
- LCME Self Study Sub-Committee, Institutional Setting, 2014
- Medical Student Selection Committee, Member 2015-present
- Organized student volunteers to package and distribute over 7,000 COVID-19 test kits including 3-D printed swabs to Morsani Clinic, JAHVA and Bay Pines VA, 2020-2021
- Distinguished University Professor nominating committee for award recipient Dr. Maureen Groer, 2021

University of South Florida:

- Institutional Biosafety Committee, Member 1999-2008, Chair 2008-2015
- Faculty Advisor for the USF Club Golf Chapter of the National Collegiate Club Golf Association 2016-2018
- Faculty Advisor for USF Infectious Diseases Interest Group, 2020-present
- USF Leroy Selmon Mentoring Institute Mentor for student athlete Alexis Rickman, 2021

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

Organizing Committee – Southeast Branch of the American Society for Microbiology, Nov. 10-12, 2017. St. Petersburg, FL

EDITORIAL JOURNAL REVIEW RESPONSIBILITIES

Editorial Board, Journal of Clinical Microbiology 1995-2006
Editorial Board, Clinical and Diagnostic Laboratory Immunology 1996-2007

Reviewer of Manuscripts (Ad hoc) for following journals:

- 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
- Frontiers in Cellular and Infection Microbiology
- Frontiers in Microbiology
- Communications Biology
- 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
- Parasites and Vectors
- BMJ Case Reports
- J Medical Entomology

CURRENT GRANT SUPPORT

NONE

PRIOR GRANT SUPPORT

TITLE (role)	GRANTING AGENCY	DATES	CURRENT AMOUNT	TOTAL AMOUNT
The role of Klebsiella In intestinal injury of Preterm infants with Severe anemia (Co-I)	USF Microbiome	2022	30,000	30,000

A novel zebrafish embryo model to define virulence factors of *Bartonella henselae* (PI)	NIH-NIAID 1R21AI102560-01A1	8/15/14 to 7/31/17	224,250	411,125
Regulation of virulence factors In *Bartonella henselae* (PI)	NIH-NIAID 2R01-AI038178-13	8/1/08 to 7/31/13	$330,750	$1,323,000
Regulation of virulence factors In *Bartonella henselae* (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 *Bartonella henselae* (PI)	NIH-NIAID Bridge Award R56-AI038178-10	8-1-07 to 7/31/08	$326,500	$326,500
Francisella tularensis virulence genes and their regulation (PI)	USF SIPAIID Pilot Grant	5-1-07 to 4-30-08	$20,000	$20,000
Bartonella henselae antigens of biological significance (PI)	NIH-NIAID R01-AI38178 -09	4-1-02 to 3-31-07	$326,250	$1,300,280
Francisella tularensis 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 *Bartonella henselae* (PI)	Univ. of South Florida - Research Council	5-1-01 to 4-30-02	$7,500	$ 7,500
Molecular Charact-erization of *Rochalimaea* Antigens (PI)	NIH-NIAID R29-AI38178	7-1-95 to 6-30-00	$97,528	$487,642
Identifying Antigenic Proteins of *Bartonella henselae* (PI/sponsor for graduate student-Michael Schmiederer)	NIH-NIDA F31-DA05866	6-1-98 to 5-31-01	$17,662	$ 71,890
Pathogenesis of *Bartonella henselae* (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 *Rochalimaea henselae* (PI)	Univ. of South Florida - Research Council	1-1-95 to 12-31-95	$7,000	$ 7,000

INVITED SYMPOSIA AND PRESENTATIONS

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

2015 Invited Speaker. Department of Microbiology, University of Georgia. The role of RNA in host adaptation and virulence in Bartonella. Athens, GA. Oct. 15, 2015

2016 Invited Speaker. Department of Microbiology, East Carolina University. A novel family of RNAs that control virulence in *Bartonella*. Oct. 2016.

2017 Invited Speaker. Department of Cell Biology, Microbiology and Molecular Biology, University of South Florida, A family of small RNAs in tandem with DNA-binding proteins control expression of the *badA* adhesion gene in *Bartonella henselae*. April 2017.

2023 Invited Speaker: College of Veterinary Medicine, North Carolina State University. The social life of *Bartonella henselae* – hanging out in a biofilm. March 1, 2023 (virtual presentation).

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., Rodriquez, 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 *Eco*RI star activity. Anal. Biochem. 211:325-327.

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