

**UNIVERSITY OF ALABAMA AT BIRMINGHAM**  
**SCHOOL OF MEDICINE**  
**FACULTY CURRICULUM VITAE**

**PERSONAL INFORMATION**

Name: William J. Britt, M.D.  
Citizenship: United States  
Foreign Language(s): None  
Home Address: 609 Stonehaven Road  
Birmingham, AL 35226  
Phone: 205-979-4344

**RANK/TITLE:** Charles A. Alford Professor of Pediatrics,  
UAB Distinguished Professor of Pediatrics  
**DEPARTMENT:** Secondary appointment, Microbiology, Neurobiology  
**BUSINESS ADDRESS:** 118 CHB, 1600 6<sup>th</sup> Avenue South  
Birmingham, AL 35233  
**PHONE:** 205-996-7762  
**EMAIL:** [wbritt@peds.uab.edu](mailto:wbritt@peds.uab.edu)

**HOSPITAL AND OTHER NON-ACADEMIC APPOINTMENTS**

The Children's Hospital of Alabama  
University of Alabama Hospital

**PROFESSIONAL CONSULTANTSHIPS**

1988 – 1992 Cambridge Biotech, Worcester, MA  
1990 – 1993 Protein Design Labs, Mountain View, CA  
1991 – 1993 SmithKline Beecham Vaccines, Rixensart, Belgium  
1992 – 1995 Abbott Laboratories, Abbott Park, IL  
1992 MedImmune, Gaithersburg, MD  
1993 Baxter Healthcare, Hyland Division, Glendale, CA  
1994 – 1997 Ciba Corning (Chiron Diagnostics), Walpole, MA  
2007 Bayer Pharmaceuticals, Tarrytown, NY  
2007 Inhibitex, Atlanta, GA  
2008- Novartis, Cambridge, Mass  
2010- Theraclone, Seattle, Wash  
2012-2015 SAB; Redbiotec, Zurich, Switzerland  
2015-2016 Pfizer, New York

**EDUCATION**

University of Arizona B.A.(Chemistry) June 1972  
University of Arizona M.D. June 1976

**MILITARY SERVICE**

1978 - 1982 USPHS  
1982 – 2010 Inactive Reserve

**LICENSURE**

1983 Alabama #10778

**BOARD CERTIFICATION**

1987, 2000 American Board of Pediatrics  
1994, 2000 American Board of Pediatrics, Sub-Board of Pediatric Infectious Diseases

## **POSTDOCTORAL TRAINING**

- 1982 - 1984 Instructor, Department of Pediatrics, and Clinical Associate Physician, General Clinical Research Center, University of Alabama at Birmingham
- 1978 - 1982 Medical Officer, NIH, NIAID, Laboratory of Persistent Viral Diseases, Rocky Mountain Laboratories, Hamilton, Montana; USPHS Commissioned Corps (Postdoctoral fellow in laboratory of Dr. Bruce Chesebro)
- 1977 –1978 Resident Level 2 (Pediatrics), University of Minnesota Hospital, Minneapolis
- 1976 – 1977 Resident Level 1 (Pediatrics), McGill University, Children’s Hospital, Montreal

## **ACADEMIC APPOINTMENTS**

- 2002-2012 Director, Child Health Research Center, Dept. of Pediatrics, University of Alabama at Birmingham
- 2002- Scholar, John J. Sparkman International Center of Public Health Education University of Alabama at Birmingham
- 1992 - Professor of Pediatrics and Microbiology, Scientist, Comprehensive Cancer Center and UAB AIDS Center, Faculty Cellular and Molecular Biology, University of Alabama at Birmingham
- 1989 - 1992 Associate Professor of Pediatrics and Microbiology, Scientist, Comprehensive Cancer Center, Faculty, Cellular and Molecular Biology, University of Alabama at Birmingham
- 1987 - 1988 Associate Professor of Pediatrics, University of Alabama at Birmingham
- 1985 - 1987 Assistant Professor of Pediatrics, University of Alabama at Birmingham
- 1984 - 1985 Assistant Professor, Department of Pediatrics, and Clinical Associate Physician, General Clinical Research Center, University of Alabama at Birmingham

## **AWARDS/HONORS**

- Phi Beta Kappa
- Phi Kappa Phi
- Alpha Omega Alpha
- Clinical Associate Physician, General Clinical Research Center, 1982-1985
- Sidney Farber Memorial Research Award, United Cerebral Palsy Association, 1986
- Fellow American Academy of Microbiology 2011
- Childrens Hospital Centennial Scholar Award 2012
- American Association of Physicians 2016
- Univ Alabama School of Medicine Graduate Dean’s Excellence in Mentorship Award 2017

## **PROFESSIONAL SOCIETIES**

- American Society for Microbiology

## **MEMBERSHIPS**

### **COUNCILS AND COMMITTEES**

- Pharmacy and Therapeutics Committee, The Children’s Hospital of Alabama
- Infection Control Committee, The Children’s Hospital of Alabama 1992-1998
- Departmental Review Committee for Junior Faculty Research Grants, UAB Department of Pediatrics, 1991, 1995, 1996, 1997, 1998, 1999, 2000, 2002, 2003-2016
- Ad hoc reviewer, NIH Study Section, 1990-2012
- National Institutes of Health Workshop on Congenital Cytomegalovirus Infection, March 12-13, 1992
- NIAID Viral Co-Pathogens Groups, August 1993 - 2001
- Reviewer, FDA, March 1995, November 1995
- Child Health Research Center Advisory Committee, UAB Department of Pediatrics, 1991-2012

- Organizing Committee, International CMV Workshop, 1997, 1999, 2011, 2015
- ACTG CMV Pre-emptive Therapy Working Group, 1997 –2000
- Member, Virology Study Section, NIH, SRC, October 1998-2002; February, 2004-2007, Chairman June 2005-June 2007.
- Advisory board Pacific Northwest National Laboratories, NCCR 2008-present
- Advisory board Pacific Northwest Regional Center of Excellence 2009-2013
- Advisory board HIVRAD (NIAID) VGTI, Oregon Health Sciences University 2011-present
- Organizing Committee, International Herpesvirus Workshop 1998-2012, 2014, 2015
- Ad Hoc member, FDA CBER vaccine review committee, 2000-present
- Member, CTFS study section, NIH, CSR-2011-, Chairman-2013-2015
- Ad Hoc NIAID Scientific Counselors, 2014
- Member Department of Pediatrics Promotions and Tenure Committee- 2015-2018

#### UNIVERSITY ACTIVITIES

##### Graduate (Thesis) Mentor for UAB Graduate Students:

Glenn Bantug	Magdalena Krzyzniak	Jun-Young Seo
Ling Li	Thad Koontz	Veronica Sanchez
Sabrish Indran	Kate Kosmac	Andrew Grant
Michael Rebmann	Kristine Valenteros	Cathy Sung
Hui Wu	Jerome Moulden	Evida Dennis
Matthew Smith	Eric Carlin	Sushma Boppana

##### Research Mentor (NIH K award)

Suresh Boppana  
Shannon Ross  
Masako Shimamura  
Russell Bradford

##### University Committees:

2002- Member, Medical Research Advisory Committee, UAB  
2006- Credentials Committee, Center for AIDS Research, UAB

##### University Membership:

Senior Scientist, Civitan International Research Center,  
Comprehensive Cancer Center  
CFAR: Sparkman Center Scholar, Center for Glial Biology

#### EDITORIAL BOARD MEMBERSHIPS

1995 - Journal of Virology  
2001- Virus Research  
2006- Journal of Infectious Diseases  
2008- PLOS Pathogens (Associate Editor)  
2011- Frontiers in Microbiology

##### Ad hoc Reviewer:

Vaccine	Pediatrics
Gene	Proceedings National Academy of Science (US)
Science	Journal of Experimental Medicine
Journal of General Virology	Journal of Clinical Investigation
American Journal of Pathology	Antiviral Research
Nature Medicine	Oncogene

## MAJOR RESEARCH INTERESTS

Mechanisms of persistent viral infections; virus assembly; viral pathogenesis

## TEACHING EXPERIENCE

1994 - present DNA Virology (Graduate School)  
1991 - 1992 Co-Course Master, Medical Virology, Medical Student Curriculum  
1989 - present PhD Thesis Committees  
Graduate Students in Biochemistry, Microbiology, Cell Biology and Neurobiology

## GRANT SUPPORT

### Past (since 1994):

1. March of Dimes Birth Defects Foundation, 6-FY93-0137, William Britt, Principal Investigator; Antibody Responses to Human Cytomegalovirus Envelope Proteins 04/01/93 - 03/31/94
2. NIH-NIAID, R01 AI30105, William Britt, Principal Investigator; Antibody Recognition of CMV Glycoproteins 05/01/91 - 04/30/96
3. FIC, R03 TW00500, William Britt, Principal Investigator; Antibody Recognition of CMV in Patients with AIDS 09/01/95 - 08/31/97
4. NIH-NICHD, 5 P01 HD10699, K. Fowler, Project Leader; William Britt, Co-Investigator, 07/20/93 - 06/30/99, Project 1. Maternal & Congenital Cytomegalovirus Infection in Two Populations 07/20/93 - 06/30/99
5. NIH-NICHD, 5 P01 HD10699, R. Pass, Project Leader; William Britt, Co-Investigator, Project 2. Outcome of Congenital CMV Infection 07/20/93 - 06/30/99
6. NIH-NICHD, 5 P01 HD10699, William Britt, Project Leader, Project 4. Pathogenesis of Congenital HCMV Infections 07/20/93 - 06/30/99
7. NIH-NIAID, 5 R01 AI37197, W. Sullender, PI; William Britt, Co-Investigator, Mechanism of RSV Vaccine Immunopotentialiation 09/30/94 - 06/30/99
8. NIH/University of London, 1 R01 AI41687, P. Griffiths, Principal Investigator, William Britt, Subcontract PI, Laboratory Markers of Imminent Cytomegalovirus Disease 9/01/97 - 08/31/00
9. NIH/NIAID, N01 AI85347 "In Vitro Antiviral Screen for Herpesviruses", PI: Earl Kern; William Britt, Co-Investigator; 09/30/98 - 09/29/03
10. NIH/NIAID, 1 P01 AI43681, Core B. Laboratory Core, William J. Britt, Project Leader, William Britt: Co-Investigator, (Sub-Project "Prevention of Maternal and Congenital CMV Infection", Robert Pass, PI of Program Project), 09/30/98 - 08/31/04
11. NIH/FIC, R03 TW01097-01, Antiviral Antibodies and CNS Infection with CMV, PI: William J. Britt, 07/01/99 - 06/30/02
12. NIH/NIAID, R01 DC04163-01, Congenital CMV Infection in Offspring of Immune Mothers, PI: Suresh Boppana, 09/01/99 - 08/31/04.
13. Dept of Veterans Affairs, Gastrointestinal Cytomegalovirus Disease: Host and Viral Determinants, PI: P. Smith, 10/01/99 - 09/30/04.
14. NCI (project#1), 1 P50 CA097247-01, Molecular Therapeutics for Anaplastic Gliomas, PI: Rosenfeld.
15. NIH-NIDDK, P30 DK54781, CMV Vectored Therapy of MPS VII, (E.J. Sorscher), W.J.Britt - Project 2, 01/01/03 - 12/31/03.
16. NIH/NIAID, R01 AI50189, gM/gN and Envelopment of Human Cytomegalovirus, PI: William J. Britt; 04/01/02 - 12/15/07.
17. Envelope Assembly of Human Cytomegalovirus, \$1,633,750, PI: William J. Britt, NIH, 7/1/01 - 6/31/06.
18. Neonatal Resuscitation in Developing Countries, \$911,304, U01 HD 43464 (PI: WA

- Carlo), Co-PI: WJ Britt, NIH, Global Network for Women's and Children's Health, 9/26/03-4/30/08.
19. CMV Vaccines: Reinfection and Antigenic Variation, \$200,000, PI: William J. Britt, R01 AI49537, NIH/NIAID, 03/01/02 – 02/28/10.
  20. CMV Vaccines: Reinfection and Antigenic Variation, \$200,000, PI: William J. Britt, R01 AI49537, NIH/NIAID, 03/01/02 – 02/28/10.
  21. CNS Maldevelopment and Perinatal Infection, \$197,741, R01 HD044721, PI: WJ Britt, NIH, 09/08/03-06/30/10.
  22. The Natural History of CMV-Related Hearing Loss and the Feasibility of CMV Screening as Adjunct to Hearing Screening of the Newborn, \$1,410,364, N01 DC50008, PI: Suresh Boppana, 7/1/05 – 11-30-12
  23. Envelope Assembly of Human Cytomegalovirus, \$225,000 R01AI035602 PI: William J. Britt, 7/1/07 – 6/31/13.
  24. Pediatric Physician Scientists in Translational Molecular Cell Biology, \$350,241, K12 HD043397-01 (S. Stagno), W.J. Britt – Program Director, 4/11/03-11/30/13.
  25. gM/gN and Envelopment of Human Cytomegalovirus, \$220,000 PI: William J. Britt, R01 AI50189, 12/15/07 – 11/30/13 (extension until 11/2014)
  26. MCMV Infection of the Developing CNS: Neuroinvasion and Immune Control P.I. William J. Britt, R01 NS065845 \$307,059 03/15/2010 – 02/28/2017.
  27. Hearing loss and Congenital CMV Infections: Exploration of Strategies to Limit Hearing Loss in Infected Infants, KPRI 02/01/2015 thru 07/31/2017 NCE. PI: William J. Britt
  28. Congenital CMV infection in a highly seroimmune urban maternal population AMC 21 06/01/2015 thru 06/31/2017. PI: William J. Britt
  29. Vaccine mediated targeting of viral IL10 to control HCMV shedding and reinfection P.A. Barry (UC DAVIS), PI R01AI097629 10/1/2011-11/30/2017 (NCE) Role: W. Britt, subcontract \$93,000.
  30. Human cytomegalovirus entry into epithelial and endothelial cells PI: David Johnson, PI (OHSU) R01 AI081517 9-1-14 – 8-31-17 Sub-Award PI: W. Britt
  31. CMV Vaccines: Reinfection and Antigenic Variation P.I. William J. Britt, R01 HD061959 \$592,000 08/1/2011-7/31/2018
  32. Cytomegalovirus Infection Exacerbates Macrophage-driven Inflammation in Inflammatory Bowel Disease 1R56AI126850-01A1 Smith P.D. (PI) 3/1/2018 – 2-28-2019 (Britt Co-Investigator)

Current:

- 1) **UAB Neuroscience Core Center**, 1 P30 NS47466, NINDS Institutional Center Core Grants to Support Neuroscience Research, PI: John Hablitz. 03/1/2016-02/28/2021 Role: W. Britt, Director Core C \$115,000
- 2) **NIH – NIAID R01AI089956-06A1** (Britt PI) Congenital CMV and CNS Infection Mechanisms of Protective Immunity 5/1/2018 – 6/30/2023
- 3) **Envelope Assembly of Human Cytomegalovirus**, PI: William J. Britt, R01AI035602 \$250,000 7/1/2014 – 6/31/19.
- 4) **Viral diversity in congenital cytomegalovirus infection** R01 DC012661 (Shannon Ross PI) NIH/NIDCD 09/01/12 – 08/31/19 \$467,089 Role: W. Britt, Co-investigator
- 5) **Acquisition of HCMV from breast milk-correlates of protection.** PI: S. Boppana 1R01AI109001 09/01/2014 – 08/31/2019 Role: W. Britt, Co-Investigator

- 6) **HCMV miRNA Regulation of Secretion and Formation of the Viral Assembly Compartment.** PI: William J. Britt 1R01AI120619 04/01/2016-03/31/2021
- 7) **Identification of pre-fusion conformers of HCMV gB.** PI. William J Britt 1R21 AI126886-01. 07/01/2016-06/30/2019 NCE
- 8) **Inflammation and Hearing Loss Following Congenital CMV Infection.** PI: William J. Britt 1 R01 DC015980-01A1 09/14/2016-8-30-2017, 9-1-2017 through 8-31-2022.

## BIBLIOGRAPHY

### Manuscripts Published:

1. Glass RS, **Britt WJ**, Miller WN, Wilson GS: 2,3,7,8 tetramethoxythianthrene dication: an isolable thianthrene dication. *J Am Chem Soc* 95:2375-2376, 1973
2. Morrow G, Revsin B, Lebowitz J, **Britt WJ**, Giles H: Detections of errors in methylmalonyl-CoA metabolism by using amniotic fluid. *Clin Chem* 23:791-795, 1977
3. Speert DP, **Britt WJ**, Kaplan EL: Tick-borne tularemia presenting as ulcerative lymphadenitis. *Clin Pediatr* 18:239-241, 1979
4. **Britt WJ**, Duray PH, Dahl MV, Goltz RW: Diffuse fasciitis with eosinophilia: a steroid-responsive variant of scleroderma. *J Pediatr* 97:432-434, 1980
5. Collins JK, **Britt WJ**, Chesebro B: Cytotoxic T lymphocyte recognition of gp70 on Friend virus-induced erythroleukemia cell clones. *J Immunol* 125:1318-1324, 1980
6. **Britt WJ**, Chesebro B: H-2D (Rfv-1) gene influence on recovery from Friend virus leukemia is mediated by nonleukemic cells of the spleen and bone marrow. *J Exp Med* 152:1795-1804, 1980
7. Chesebro B, Wehrly K, Cloyd M, **Britt WJ**, Portis J, Collins J, Nishio J: Characterization of mouse monoclonal antibodies specific for Friend murine leukemia virus-induced erythroleukemia cells: Friend-specific and FMR-specific antigens. *Virology* 112:131-144, 1981
8. Gildenberg PL, O'Brien RP, **Britt WJ**, Frost EA: The efficacy of Doppler monitoring for the detection of venous air embolism. *J Neurosurg* 54:75-78, 1981
9. **Britt WJ**, Collins JK, Chesebro B: New cell surface gp70 related to Friend mink cell focus-inducing virus is expressed on Friend virus-induced erythroleukemic spleen cells after elimination of ecotropic Friend virus gp70 in Rfv-3 r/s mice. *J Exp Med* 154:868-882, 1981
10. **Britt WJ**, Chesebro B: Use of monoclonal anti-gp70 antibodies to mimic the effects of the Rfv-3 gene in mice with Friend virus-induced leukemia. *J Immunol* 130:2363-2367, 1983
11. Chesebro B, **Britt WJ**, Evans L, Wehrly K, Nishio J, Cloyd M: Characterization of monoclonal antibodies reactive with murine leukemia viruses: use in analysis of strains of Friend MCF and Friend ecotropic murine leukemia virus. *Virology* 127:134-138, 1983
12. **Britt WJ**, Chesebro B: H-2D control of recovery from Friend virus leukemia: H-2D region influences the kinetics of the T lymphocyte response to Friend virus. *J Exp Med* 157:1736-1745, 1983
13. Evans LH, **Britt WJ**: An immunological focus assay for murine leukemia viruses on viable attached cell lines. *Virology* 129:212-217, 1983
14. Pass RF, Stagno S, **Britt WJ**, Alford CA: Specific cell mediated immunity and the natural history of congenital infection with cytomegalovirus. *J Infect Dis* 148:953-961, 1983
15. Stagno S, Cloud G, Pass RF, **Britt WJ**, Alford CA: Factors associated with primary cytomegalovirus infection during pregnancy. *J Med Virol* 13:347-353, 1984
16. **Britt WJ**, Chesebro B, Portis JL: Identification of a unique erythroleukemia-associated

- retroviral gp70 expressed during early stages of normal erythroid differentiation. *J Exp Med* 159:1591-1603, 1984
17. **Britt WJ**: Neutralizing antibodies detect a disulfide-linked glycoprotein complex within the envelope of human cytomegalovirus. *Virology* 135:369-378, 1984
  18. Adler SP, McVoy M, Biro VG, **Britt WJ**, Hider P, Marshall D: Detection of cytomegalovirus antibody with latex agglutination. *J Clin Microbiol* 22:68-70, 1985
  19. Volpi A, **Britt WJ**: Serologic heterogeneity of cytomegalovirus isolates with a monoclonal antibody. *J Infect Dis* 152:648-649, 1985
  20. **Britt WJ**, Auger D: Identification of a 65,000 dalton virion envelope protein of human cytomegalovirus. *Virus Res* 4:31-36, 1985
  21. **Britt WJ**, Auger D: Synthesis and processing of the envelope gp55-116 complex of human cytomegalovirus. *J Virol* 58:185-191, 1986
  22. Conboy TJ, Pass RF, Stagno S, **Britt WJ**, Alford CA, McFarland CE, Boll TJ: Intellectual development in school aged children with asymptomatic congenital cytomegalovirus infection. *Pediatrics* 77:801-806, 1986
  23. **Britt WJ**, Auger D: Human cytomegalovirus virion-associated protein with kinase activity. *J Virol* 59:185-188, 1986
  24. Stagno S, Pass RF, Cloud G, **Britt WJ**, Henderson RE, Walton PD, Veren DA, Page F, Alford CA: Primary cytomegalovirus infection in pregnancy: incidence, transmission to fetus and clinical outcome. *JAMA* 256:1904-1908, 1986
  25. Pass RF, Hutto SC, Stagno S, **Britt WJ**, Alford CA: Congenital cytomegalovirus infection: prospects for prevention. *Ann NY Acad Sci* 477:123-127, 1986 (Presented at symposium sponsored by the Institute for Basic Research, New York City, 1985)
  26. Pass RF, Little EA, Stagno S, **Britt WJ**, Alford CA: Young children as a probable source of maternal and congenital cytomegalovirus infection. *N Engl J Med* 316:1366-1370, 1987
  27. **Britt WJ**, Vugler L: Structural and immunological characterization of the intracellular forms of an abundant 68,000 Mr human cytomegalovirus protein. *J Gen Virol* 68:1897-1907, 1987
  28. Conboy TJ, Pass RF, Stagno S, Alford CA, Myers GJ, **Britt WJ**, McCollister FP, Summers MN, McFarland CE, Boll TJ: Early clinical manifestations and intellectual outcome in children with symptomatic congenital cytomegalovirus infection. *J Pediatr* 111:343-348, 1987
  29. Hayes K, Alford CA, **Britt WJ**: Antibody response to virus-encoded proteins after cytomegalovirus mononucleosis. *J Infect Dis* 156:615-621, 1987
  30. **Britt WJ**, Vugler L, Stephens EB: Induction of complement dependent and independent neutralizing antibodies by recombinant derived human cytomegalovirus gp55-116 (gB). *J Virol* 62:3309-3318, 1988
  31. Alford CA, Hayes K, **Britt WJ**: Primary cytomegalovirus infection in pregnancy: comparison of antibody responses to virus encoded proteins between women with and without intrauterine infection. *J Infect Dis* 158:917-924, 1988
  32. **Britt WJ**, Vugler LG: Processing of the gp55-116 envelope glycoprotein complex (gB) of human cytomegalovirus. *J Virol* 63:403-410, 1989
  33. Waldo FB, **Britt WJ**, Tomana M, Julian BA, Mestecky J: Non-specific mesangial staining with antibodies against cytomegalovirus in immunoglobulin-A nephropathy. *Lancet* 1:129-131, 1989
  34. Andreoni M, Faircloth M, Vugler L, Britt W: A rapid microneutralization assay for the measurement of neutralizing antibody reactive with human cytomegalovirus. *J Virol Methods* 23:157-168, 1989
  35. Utz U, **Britt WJ**, Vugler LG, Mach M: Identification of a neutralizing epitope on the glycoprotein gp58 of human cytomegalovirus. *J Virol* 63:1995-2001, 1989

36. **Britt WJ**, Vugler L, Butfiloski EJ, Stephens EB: Cell surface expression of human cytomegalovirus (HCMV) gp55-116 (gB): use of HCMV-vaccinia recombinant virus infected cells in analysis of the human neutralizing antibody response. *J Virol* 64:1079-1085, 1990
37. **Britt WJ**, Vugler L: Antiviral antibody responses in mothers and their newborn infants with clinical and subclinical cytomegalovirus infections. *J Infect Dis* 161:214-219, 1990
38. Chesebro B, Miyazawa M, **Britt WJ**: Host genetic control of spontaneous and induced immunity to friend murine retrovirus infection. *Annu Rev Immunol* 8:477-499, 1990
39. Wells DE, Vugler LG, **Britt WJ**: Structural and immunological characterization of human cytomegalovirus gp55-116 (gB) expressed in insect cells. *J Gen Virol* 71:873-880, 1990
40. Plachter B, Klages S, Hagelmann S, **Britt W**, Landini MP, Jahn G: Prokaryotic expression of the phosphorylated tegument protein pp65 of human cytomegalovirus and application of the recombinant peptides for immunoblot analyses. *J Clin Microbiol* 28:1229-1235, 1990
41. Spaete RR, Saxena A, Scott PI, Song GJ, Probert WS, **Britt WJ**, Gibson W, Rasmussen L, Pacht C: Sequence requirements for proteolytic processing of glycoprotein B of human cytomegalovirus strain Towne. *J Virol* 64:2922-2931, 1990
42. Radsak K, Brucher KH, **Britt WJ**, Shiou H, Schneider D, Kollert A: Nuclear compartmentation of glycoprotein B of human cytomegalovirus. *Virology* 177:515-522, 1990
43. Alford CA, Stagno S, Pass RF, **Britt WJ**: Congenital and perinatal cytomegalovirus infections. *Rev Infect Dis* 12:S745-753, 1990
44. Evans LH, Morrison RP, Malik FG, Portis J, **Britt WJ**: A neutralizable epitope common to the envelope glycoproteins of ecotropic, polytropic, xenotropic and amphotropic murine leukemia viruses. *J Virol* 64:6176-6183, 1990
45. Kneiss N, Mach M, Fay J, **Britt WJ**: Distribution of linear antigenic sites on glycoprotein gp55 of human cytomegalovirus. *J Virol* 65:138-146, 1991
46. **Britt WJ**: Recent advances in the identification of significant human cytomegalovirus-encoded proteins. *Transplantation Proceedings* 23:64-69, 1991 (Proceedings of symposium, "Pathogenesis of Human Cytomegalovirus-Associated Diseases"), 1990
47. **Britt WJ**, Pass RF, Stagno S, Alford CA: Pediatric cytomegalovirus infection. *Transplantation Proceedings* 23:115-117, 1991 (Proceedings of symposium, "Pathogenesis of Human Cytomegalovirus-Associated Diseases"), 1990
48. Loh LC, Balachandran N, **Britt WJ**: Characterization of a membrane-associated phosphoprotein of murine cytomegalovirus (pp50) and its immunological cross-reactivity with a human cytomegalovirus protein. *Virology* 183:181-194, 1991
49. Riddell SR, Rabin M, Geballe AP, **Britt WJ**, Greenberg PD: Class I MHC-restricted cytotoxic T lymphocyte recognition of cells infected with human cytomegalovirus does not require endogenous viral gene expression. *J Immunol* 146:2795-2804, 1991
50. Stagno S, Fowler KB, Pass R, **Britt WJ**, Alford CA: The impact of primary and recurrent maternal cytomegalovirus (CMV) infection in the outcome of congenital infection. *Excerpta Medica International Series, Progress in Cytomegalovirus Research*, 11-14, 1991
51. Spaete RR, Perot K, Scott PI, Bauer D, Lee AS, Scott MH, Rasmussen L, **Britt WJ**, Pacht C: CMV (Towne) glycoprotein H (gH) is complexed with GRP78 and GRP94. *Excerpta Medica International Series, Progress in Cytomegalovirus Research*, 133-136, 1991
52. Mach M, **Britt W**: Immunoprophylaxis of human cytomegalovirus infections. *Excerpta Medica International Series, Progress in Cytomegalovirus Research*, 175-186, 1991
53. Urban M, **Britt WJ**, Mach M: Characterization of linear antigenic sites on glycoprotein gp86 of human cytomegalovirus. *Excerpta Medica International Series, Progress in Cytomegalovirus Research*, 199-202, 1991
54. Boppana SB, Pass RF, **Britt WJ**, Stagno S, Alford CA: Symptomatic congenital cytomegalovirus infection: neonatal morbidity and mortality. *Pediatr Infect Dis J* 11:93-



- 99, 1992
55. Boppana S, Smith R, Stagno S, **Britt WJ**: Evaluation of a microtiter plate fluorescent antibody assay for rapid detection of human cytomegalovirus infections. *J Clin Microbiol* 30:721-723, 1992
  56. Fowler KB, Stagno S, Pass RF, **Britt WJ**, Boll TJ, Alford CA: The outcome of congenital cytomegalovirus infection in relation to maternal antibody status. *N Engl J Med* 326:663-667, 1992
  57. Urban M, **Britt W**, Mach M: The dominant linear neutralizing antibody-binding site of glycoprotein gp86 of human cytomegalovirus is strain specific. *J Virol* 66:1303-1311, 1992
  58. Wagner B, Kropff B, Kalbacher H, **Britt W**, Sundqvist VA, Ostberg L, Mach M: A continuous sequence of more than 70 amino acids is essential for antibody binding to the dominant antigenic site of glycoprotein gp58 of human cytomegalovirus. *J Virol* 66:5290-5297, 1992
  59. **Britt WJ**, Vugler LG: Oligomerization of the human cytomegalovirus major envelope glycoprotein complex gB (gp55-116). *J Virol* 66:6747-6754, 1992
  60. Bogner E, Reschke M, Reis B, Reis E, **Britt W**, Radsak K: Recognition of compartmentalized intracellular analogs of glycoprotein H of human cytomegalovirus. *Arch Virol* 126:67-80, 1992
  61. **Britt WJ**: Avances recientes en el diagnostico de infeccion por citomegalovirus humano. *Rev Chile Infect* 2:123-129, 1992
  62. Boppana SB, Pass RF, **Britt WJ**: Virus-specific antibody responses in mothers and their newborn infants with asymptomatic congenital cytomegalovirus infections. *J Infect Dis* 167:72-77, 1993
  63. Simpson JA, Chow JC, Baker J, Avdalovic N, Yuan S, Au D, Co MS, Vasquez M, **Britt W**, Coelingh KL: Neutralizing monoclonal antibodies that distinguish three antigenic sites on the human cytomegalovirus glycoprotein H have conformationally-distinct binding sites. *J Virol* 67:489-496, 1993
  64. Trang JM, Kidd L, Gruber W, Storch G, Demmler G, Jacobs R, Dankner W, Starr S, Pass R, Stagno S, **Britt W**, Alford C, Soong SJ, Whitley RJ, Sommadossi JP, NIAID Collaborative Antiviral Study Group: Linear single-dose pharmacokinetics of ganciclovir in newborns with congenital cytomegalovirus infections. *Clin Pharmacol Ther* 53:15-21, 1993
  65. Plachter B, **Britt W**, Vornhagen R, Stamminger T, Jahn G: Analysis of proteins encoded by IE regions 1 and 2 of human cytomegalovirus using monoclonal antibodies generated against recombinant antigens. *Virology* 193:642-652, 1993
  66. **Britt WJ**, Li L, Billstrom M, Mach M: Human cytomegalovirus encoded proteins: application of basic research to the diagnosis and treatment of HCMV infection. *Excerpta Medica International Congress Series, Multidisciplinary Approach to Understanding Cytomegalovirus Disease*, 29-36, 1993
  67. Hassfurther E, **Britt W**, Mach M: Mutational analysis of antigenic domain 1 (AD-1) of glycoprotein gp58 of human cytomegalovirus. *Excerpta Medica International Congress Series, Multidisciplinary Approach to Understanding Cytomegalovirus Disease*, 43-47, 1993
  68. Adler SP, McVoy M, Chou S, Hempfling S, Yamanishi K, **Britt W**: Antibodies induced by a primary cytomegalovirus infection react with human herpes virus 6 proteins. *J Infect Dis* 168:1119-1126, 1993
  69. Urban M, Winkler T, Landini MP, **Britt W**, Mach M: Epitope specific distribution of IgG subclasses against antigenic domains on glycoproteins of human cytomegalovirus. *J Infect Dis* 169:83-90, 1994
  70. **Britt WJ**, Harrison C: Identification of an abundant disulfide-linked complex of glycoproteins in the envelope of guinea pig cytomegalovirus. *Virology* 201:294-302, 1994
  71. DiLoreto D, Epstein LG, Lazar ES, **Britt WJ**, del Cerro M: Cytomegalovirus infection of

- human retinal tissue: an in vivo model. *Lab Invest* 71:141-148, 1994
72. Loh L, **Britt WJ** Raggio C, Laferte S: Sequence analysis and expression of the murine cytomegalovirus phosphoprotein pp50, a homolog of the human cytomegalovirus UL44 gene product. *Virology* 200:413-427, 1994
  73. Epstein LG, Cvetkovich TA, Lazar ES, DiLoreto D, Saito Y, James H, del Cerro C, Kaneshima H, McCune JM, **Britt WJ**, et al: Human neural xenografts: progress in developing an in-vivo model to study human immunodeficiency virus and human cytomegalovirus infection. *Adv Neuroimmunol* 4:257-260, 1994
  74. Boppana SB, Polis MA, Kramer AA, **Britt WJ**, Koenig S: Virus-specific antibody responses to human cytomegalovirus (HCMV) in human immunodeficiency virus type 1-infected individuals with HCMV retinitis. *J Infect Dis* 171:182-185, 1995
  75. **Britt W**, Fay J, Seals J, Kensil C: Formulation of an immunogenic human cytomegalovirus vaccine: responses in mice. *J Infect Dis* 171:18-25, 1995
  76. Boppana S, Amos C, **Britt W**, Stagno S, Alford C, Pass R: Late onset and reactivation of chorioretinitis in children with congenital cytomegalovirus infection. *Pediatr Infect Dis J* 13:1139-1142, 1995
  77. Vey M, Schafer W, Reis B, Ohuchi R, **Britt W**, Garten W, Klenk HD, Radsak K: Proteolytic processing of human cytomegalovirus glycoprotein B (gpUL55) is mediated by the human endoprotease furin. *Virology* 206:746-749, 1995
  78. Boppana SB, **Britt WJ**: Antiviral antibody responses and intrauterine transmission after primary maternal cytomegalovirus infection. *J Infect Dis* 171:1115-1121, 1995
  79. Fish KN, Depto AS, Moses AV, **Britt W**, Nelson JA: Growth kinetics of human cytomegalovirus are altered in monocyte-derived macrophages. *J Virol* 69:3737-3743, 1995
  80. Li L, Coelingh KL, **Britt WJ**: Human cytomegalovirus neutralizing antibody-resistant phenotype is associated with reduced expression of glycoprotein H. *J Virol* 69:6047-6053, 1995
  81. Harrison CJ, **Britt WJ**, Chapman NM, Mullican J, Tracy S: Reduced congenital cytomegalovirus (CMV) infection after maternal immunization with a guinea pig CMV glycoprotein before gestational primary CMV infection in the guinea pig model. *J Infect Dis* 172:1212-1220, 1995
  82. Billstrom MA, **Britt WJ**: Postoligomerization folding of human cytomegalovirus glycoprotein B: Identification of folding intermediates and importance of disulfide bonding. *J Virol* 69:7015-7022, 1995
  83. **Britt WJ**: Vaccines against human cytomegalovirus: time to test. *Trends Microbiol* 4:34-38, 1996
  84. Schoppel K, Haßfurth E, **Britt W**, Ohlin M, Borrebaeck CAK, Mach M: Antibodies specific for the antigenic domain 1 of glycoprotein B (gpUL55) of human cytomegalovirus bind to different substructures. *Virology* 216:133-145, 1996
  85. Fish KN, **Britt W**, Nelson JA: A novel mechanism for persistence of human cytomegalovirus in macrophages. *J Virol* 70:1855-1862, 1996
  86. Sullender WM, **Britt WJ**: Antigenic and immunogenic authenticity of group A and group B respiratory syncytial virus proteins expressed from recombinant baculoviruses. *J Gen Virol* 77:641-648, 1996
  87. Gibson W, Clopper KS, **Britt WJ**, Baxter MK: Human cytomegalovirus (HCMV) smallest capsid protein identified as product of short open reading frame located between HCMV UL48 and UL49. *J Virol* 70:5680-5683, 1996
  88. **Britt WJ**, Mach M: Human cytomegalovirus glycoproteins. *Intervirology* 39:401-412, 1996
  89. **Britt WJ**: Human cytomegalovirus infections during pregnancy. *Herpes* 3:37-43, 1996
  90. Boppana SB, **Britt WJ**: Recognition of human cytomegalovirus gene products by HCMV-specific cytotoxic T cells. *Virology* 222:293-296, 1996
  91. Boppana SB, Miller J, **Britt WJ**: Transplacentally acquired antiviral antibodies and outcome in congenital human cytomegalovirus infection. *Viral Immunology* 9:211-218,

- 1996
92. Urban M, Klein M, **Britt WJ**, Hassfurth E, Mach M: Glycoprotein H of human cytomegalovirus is a major antigen for the neutralizing humoral immune response. *J Gen Virol* 77:1537-1547, 1996
  93. Fowler KB, McCollister FP, Dahle AJ, Boppana S, **Britt WJ**, Pass RF: Progressive and fluctuating sensorineural hearing loss in children with asymptomatic congenital cytomegalovirus infection. *J Pediatr* 130:624-630, 1997
  94. Boppana SB, Fowler KB, Vaid Y, Hedlund G, Stagno S, **Britt WJ**, Pass RF: Neuroradiographic findings in the newborn period and long-term outcome in children with symptomatic congenital cytomegalovirus infection. *Pediatrics* 99:409-414, 1997
  95. Li L, Nelson, JA, **Britt WJ**: Glycoprotein H related complexes of human cytomegalovirus: Identification of a third protein in the gCIII complex. *J Virol* 71:3090-3097, 1997
  96. Whitley RJ, Cloud G, Gruber W, Storch GA, Demmler GJ, Jacobs RF, Dankner W, Spector SA, Starr S, Pass RF, Stagno S, **Britt WJ**, Alford C, Soong SJ, Zhou XJ, Sherrill L, Fitzgerald JM, Sommadossi JP, NIAID CASG: Ganciclovir treatment of symptomatic congenital cytomegalovirus infection: results of a phase II study. *J Infect Dis* 175:1080-1086, 1997
  97. Buraphacheep W, **Britt W**, Sullender W: Detection of antibodies to respiratory syncytial virus attachment and nucleocapsid proteins with recombinant baculovirus expressed antigens. *J Clin Microbiol* 35:354-357, 1997
  98. Carlson C, **Britt WJ**, Compton T: Expression, purification, and characterization of a soluble form of human cytomegalovirus glycoprotein B. *Virology* 239:198-205, 1997
  99. Sanchez V, Angeletti PC, Engler JA, **Britt WJ**: Localization of human cytomegalovirus structural proteins to the nuclear matrix of infected human fibroblasts. *Journal of Virology* 72:3321-3329, 1998
  100. Tarantal AF, Salamar MS, **Britt WJ**, Luciw PA, Hendrickx AG, Barry PA: Neuropathogenesis induced by rhesus cytomegalovirus in fetal rhesus monkeys (*Macaca mulatta*). *J Infect Dis* 177: 446-450, 1998
  101. **Britt WJ**: Commentary: Human cytomegalovirus transmission and breast milk. *Virus International*, 1998
  102. Boppana SB, Fowler KB, **Britt WJ**, Stagno S, Pass RF: Symptomatic congenital cytomegalovirus (CMV) infection in infants born to mothers with preexisting immunity to CMV. *Pediatrics*, 104 (1 Pt 1): 55-60, 1999
  103. Jarvis MA, **Britt WJ**, Nelson JA: Human cytomegalovirus infection of Caco-2 occurs at the basolateral membrane and is differentiation-state dependent. *J Virol*. 73(6):4552-60; 1999
  104. Pass RF, Duliege AM, Boppana S, Sekulovich R, Percell S, **Britt W**, Burke RL: A subunit cytomegalovirus vaccine based on recombinant envelope glycoprotein B and a new adjuvant. *J Infect Dis*. 180(4): 970-5, 1999
  105. **Britt WJ**: Commentary: PCR detection of CMV in transplant patients. *Virus International*, 1999
  106. Sun Q, Pollok KE, Burton RL, Dai LJ, **Britt W**, Emanuel DJ, Lucas KG: Simultaneous ex vivo virus-specific cytotoxic T lymphocytes using B-lymphoblastoid cell lines expressing cytomegalovirus. *Blood* 94:3242-3250; 1999.
  107. Sanchez V, Greis KD, Sztul E, **Britt WJ**: Accumulation of virion tegument and envelope proteins in a stable cytoplasmic compartment during human cytomegalovirus replication: Characterization of a potential site of virus assembly. *J Virol*. 74(2): 975-986, 2000
  108. Sanchez V, Sztul E, **Britt WJ**: Human cytomegalovirus pp28 (UL99) localizes to a cytoplasmic compartment which overlaps the endoplasmic reticulum-golgi-intermediate compartment. *J Virol*. 74(8): 3842-3851, 2000
  109. Corley G, **Britt WJ**: Development of a new anti-pp65 monoclonal antibody for use in the antigenemia assay. *Biotest Bulletin* 6:159-164, 2000
  110. Sun, Q, Burton, RL, Dai Li-Jun, Britt, WJ, Lucas, KG; B-lymphoblastoid cell lines as

- efficient antigen-presenting cells to elicit CD8+T cell responses to a cytomegalovirus antigen, *Journal of Immunology*, 1;165(7):4105-11, 2000.
111. Mach M, Kropff B, Dal Monte P, **Britt W**: Complex formation by human cytomegalovirus glycoproteins M (gpUL100) and N (gpUL73). *J Virol.* 74(24): 11881-11892, 2000.
  112. Landry ML, Stanat S, Biron K, Brambilla D, **Britt W**, Jokela J, Chou S, Drew WL, Erica A, Gilliam B, Lurain N, Manischewitz J, Miner R, Nokta M, Reichelderfer P, Spector S, Weinberg A, Yen-Lieberman B, Crumpacker C: A standardized plaque reduction assay for determination of drug susceptibilities of cytomegalovirus clinical isolates. *Antimicrobial Agents & Chemotherapy.* 44(3): 688-92, 2000.
  113. Boppana SB, Rivera LB, Fowler, KB, Mach M, **Britt WJ**: Role of Maternal Reinfection in Intrauterine Transmission of Human Cytomegalovirus (HCMV) in Women with Preconceptional Immunity. *New England Journal of Medicine.* 344(18): 1366-1371, 2001.
  114. Chatterjee A, Harrison CJ, **Britt WJ**, Bewtra C: Modification of Maternal and Congenital Cytomegalovirus (CMV) Infection by Anti-Glycoprotein B Antibody Transfer in Guinea Pigs. *Journal of Infectious Diseases* 183: 1547-1553, 2001.
  115. Benedict CA, Banks TA, Senderowicz L, Ko M, **Britt WJ**, Angulo A, Ghazal P, Ware CF: Lymphotoxins and cytomegalovirus cooperatively induce interferon- $\beta$  establishing host-virus détente. *Immunity* 15: 617-626, 2001.
  116. Spanderna S, Blessing H, Bogner E, **Britt W**, Mach M. Identification of glycoprotein gpTRL10 as a structural component of human cytomegalovirus. *Journal of Virology*, 76: 1450- 1460, 2002
  117. Redman TK, **Britt WJ**, Hockett RD, Jr., Wilcox CM, Graham MF, Smith PD: Human Cytomegalovirus Enhances Chemokine Production by LPS-Stimulated Lamina Propria Macrophages. *Journal of Infectious Diseases*, 185: 584-590, 2002
  118. Cobbs, C. S., Harkins, L., Samanta, M., Gillespie, G.Y., Bharara, S., King, P.H., Nabors, L.B., Cobbs, C.G., **Britt WJ**. Human cytomegalovirus infection and expression in human malignant glioma. *Cancer Research* 62: 3347-3350, 2002
  119. Sequar, G., **Britt WJ**, Lakeman, F.D., Lockridge, K.M., Tarara, R.P., Canfield, D.R., Zhou, S.S., Gardner, M.B., Barry, P.A. Experimental coinfection of rhesus macaques with rhesus cytomegalovirus and simian immunodeficiency virus: pathogenesis. *Journal of Virology*, 76: 7661-7671, 2002
  120. Deayton JR. Sabin CA. **Britt W**, Jones IM. Wilson P. Johnson MA. Griffiths PD. Emery VC. Rapid reconstitution of humoral immunity against cytomegalovirus but not HIV following highly active antiretroviral therapy. *AIDS.* 16(16):2129-35, 2002
  121. Harkins L. Volk AL. Samanta M. Mikolaenko I. **Britt WJ**. Bland KI. Cobbs CS. Specific localisation of human cytomegalovirus nucleic acids and proteins in human colorectal cancer. *Lancet.* 360(9345):1557-63, 2002 Nov 16.
  122. Rivera LB, Boppana SB, Fowler KB, **Britt WJ**, Stagno S, Pass RF. Predictors of hearing loss in children with symptomatic congenital cytomegalovirus infection. *Pediatrics*, 110(4): 762-767, October 2002.
  123. Lai L, and **Britt WJ**: The smallest capsid protein of human cytomegalovirus interacts with the major capsid protein through two linear sequences. *Journal of Virology*, 77:2730-2735, 2003.
  124. Homman-Loudiyi M, Hultenby K., **Britt WJ**, Nelson JA and Söderberg-Nauclér C. Envelopment of human cytomegalovirus (HCMV) occurs into a Golgi-derived Rab 3 positive Vacuole Compartment. *J. Virology*, 77:3191-3203, 2003.
  125. Pignatelli S, Dal Monte P, Rossine G, Chou S, Gojobori K, Hanada K, Guo J, Rawlinson W, **Britt WJ**, Mach M, Landini M.P. Glycoprotein N (gpUL73-gN) genomic variants: identification of a novel subgroup, geographical distribution and evidence of positive selective pressure. *Journal of General Virology*, 84:647-655, 2003.
  126. Kossmann T, Morganti-Kossmann MC, Orenstein JM, **Britt WJ**, Wahl SM, Smith PD. Cytomegalovirus Production by Infected Astrocytes Correlates with TGF-beta Release, *J Infect Diseases*, 187: 534-541, 2003.

127. Samanta M, Harkins L, Klemm K, **Britt WJ**, Cobbs CS, High prevalence of human cytomegalovirus in prostatic intraepithelial neoplasia and prostatic carcinoma. *J Urol*. 2003 Sep; 170(3): 998-1002.
128. **WJ Britt**, MA Jarvis, JY Seo, DD Drummond, JA Nelson. Rapid genetic engineering of human cytomegalovirus using a lambda phage based linear recombination system: Demonstration that pp28 (UL99) is essential for production of infectious virus. *Journal of Virology* 78:539-543, 2004.
129. MA Jarvis, TR Jones, DD Drummond, PP Smith, **WJ Britt**, JA Nelson, CJ Baldick. Phosphorylation of human cytomegalovirus glycoprotein B (gB) at the acidic cluster (AC) casein kinase 2 site (Ser9 0 0) is required for localization of gB to the *trans*-Golgi network and efficient virus replication. *Journal of Virology* 78:285-293, 2004
130. Z.Wang, C.La Rosa, R.Maas, H. Ly, J. Brewer, S. Mekhoubad, P. Daftarian, J. Longmate, **WJ Britt**, and D. Diamond. Recombinant MVA expressing a soluble form of glycoprotein B causes durable immunity and neutralizing antibodies against multiple strains of human CMV. *Journal of Virology* 78: 3965-3976, 2004
131. JR Netterwald, TR Jones, **WJ Britt**, SJ Yang, IP McCrone, H Zhu. Postattachment events associated with viral entry are necessary for induction of interferon-stimulated genes by human cytomegalovirus. *Journal of Virology*, 78: 6688-6691, 2004.
132. **WJ Britt**, S Boppana. Human cytomegalovirus virion proteins. *Human Immunology*, 65 (5): 395-402, 2004.
133. SM Varnum, DN Streblow, ME Monroe, P Smith, KJ Auberry, L Pasa-Tolic, D Wang, DG Camp II, K Rodland, S Wiley, **W Britt**, T Shenk, RD Smith, JA Nelson. Identification of proteins in human cytomegalovirus (HCMV) particles: the HCMV proteome. *Journal of Virology*, 78:10960-10966, 2004.
134. Wang Z, La Rosa C, Mekhoubad S, Lacey SF, Villacres MC, Markel S, Longmate J, Ellenhorn JD, Siliciano RF, Buck C, **Britt WJ**, Diamond DJ. Attenuated poxviruses generate clinically relevant frequencies of CMV-specific T cells. *Blood*, 104(3): 847-56, 2004
135. Gredmark S, **Britt WJ**, Xie X, Lindbom L, Söderberg-Nauclér C. Human cytomegalovirus induces inhibition of macrophage differentiation by binding to human aminopeptidase N/CD13. *Journal of Immunology*, 173(8): 4897-907, 2004.
136. M Mach, B Kropff, M Krzyzaniak, **W Britt**. Complex formation of glycoproteins M and N of human cytomegalovirus: structural and functional aspects. *Journal of Virology*, 79(4): 2160-2170, 2005
137. Bradford RD, Cloud G, Lakeman AD, Boppana S, Kimberlin DW, Jacobs R, Demmler G, Sanchez P, **Britt W**, Soong S, Whitley RJ, and the National Institute of Allergy and Infectious Diseases Collaborative Antiviral Study Group. Detection of cytomegalovirus (CMV) DNA by polymerase chain reaction is associated with hearing loss in newborns with symptomatic congenital CMV infection involving the central nervous system. *Journal of Infectious Diseases*, 191: 227-33, 2005.
138. Yu X, Shah S, Atanasov I, Lo P, Liu F, **Britt WJ**, Zhou ZH. Three-dimensional localization of the smallest capsid protein in the human cytomegalovirus capsid. *Journal of Virology*, 79(2): 1327-1332, 2005.
139. **WJ Britt**, M Jarvis, D Drummond, M Mach. Antigenic domain 1 (AD-1) is required for oligomerization of human cytomegalovirus glycoprotein B. *Journal of Virology* 79: 4066-4079, 2005.
140. Boppana S, Fowler KB, Pass RF, **Britt WJ**. Association between newborn findings and development of hearing loss in children with symptomatic congenital CMV infection. *J. of Pediatrics*, 2005
141. Ross S, Novak, Z Ashrith, G, Rivera, L, **Britt W**, Hedges S, Schwebke J, Boppana S. The association between genital tract cytomegalovirus infection and bacterial vaginosis. *Journal of Infectious Diseases* 192 (10): 1727-30, 2005.
142. Spanderna S, Kropff B, Kodel Y, Shen S, Coley S, Lu S, **Britt, WJ**, Mach M, Deletion of gpUL132, a structural component of human cytomegalovirus, results in

- impaired virus replication in fibroblasts. *Journal of Virology*, 78 (8): 11837-11847, September 2005.
143. **Britt WJ**, Perinatal Herpesvirus Infections. *Paediatrica Croatica*, 2005: 49 (Supl 1): 71-82
  144. Prichard MN, **Britt WJ**, Dailey SL, Hartline CB, and Kern ER. Human cytomegalovirus UL97 kinase is required for the normal intranuclear distribution of pp65 and virion morphogenesis. *Journal of Virology* 79(24): 15494-15502.
  145. Pass RF, Fowler KB, Boppana SB, **Britt WJ**, and Stagno S. Congenital cytomegalovirus infection following first trimester maternal infection: symptoms at birth and outcome. *Journal of Clinical Virology* 35 (2): 216-220.
  146. Shimamura M, Mach M, **Britt WJ**. Human cytomegalovirus infection elicits a glycoprotein M (gM)/gN-specific virus-neutralizing antibody response. *J Virol*, 80 (9): 4591-4600, 2006.
  147. Jarvis MA, Borton JA, Keech AM, Wong J, **Britt WJ**, Magun BE, Nelson JA. Human cytomegalovirus attenuates IL-1 $\beta$  and TNF $\alpha$  proinflammatory signaling by inhibition of NF- $\kappa$ B activation. *J Virology* 80 (11): 5588-5598, 2006.
  148. Seo JY, **Britt WJ**. Sequence requirements for localization of human cytomegalovirus tegument protein pp28 to the virus assembly compartment and for assembly of infectious virus. *J Virology* 80 (11): 5611-5626, 2006.
  149. Maheshwari A, Smythies LE, Wu X, Novak L, Clements R, Eckhoff D, Lazenby AJ, **Britt WJ**, Smith PD. Cytomegalovirus blocks intestinal stroma-induced Down-regulation of macrophage HIV-1 infection. *Journal of Leukocyte Biology*, 80: 1111-1117, 2006.
  150. Barry PA. Lockridge KM. Salamat S. Tinling SP. Yue Y. Zhou SS. Gospe SM Jr. **Britt WJ**. Tarantal AF. Nonhuman primate models of intrauterine cytomegalovirus infection. *Illar Journal*, 47(1):49-64, 2006.
  151. Shen S., Wang S., **Britt WJ**, Lu S. DNA vaccines expressing glycoprotein complex II antigens gM and gN elicited neutralizing antibodies against multiple human cytomegalovirus (HCMV) isolates. *Vaccine* 25(17):3319-27, 2007.
  152. Mach M, Osinski K, Kropff B, Schloetzer-Schrehardt U, Krzyzaniak M, **Britt WJ**. The carboxyterminal domain of glycoprotein N of human cytomegalovirus is required for virion morphogenesis. *J Virol*, 81(10):5212-24, 2007.
  153. Seo, JY, **Britt, WJ**. Cytoplasmic envelopment of human cytomegalovirus requires a postlocalization function of tegument protein pp28 in the assembly compartment. *J Virol*. (12):6536-47, 2007.
  154. Cobbs C, Sorocceanu L, Denham S, Zhang W, **Britt WJ**, Pieper R, Kraus, MH. Human Cytomegalovirus induces cellular tyrosine kinase signaling and promotes glioma cell invasiveness. *J Neurooncol* 85:271-280, 2007.
  155. Krzyzaniak M, Mach M, **Britt WJ**. The Cytoplasmic Tail of Glycoprotein M (gpUL100) Expresses Trafficking Signals Required for Human Cytomegalovirus Assembly and Replication. *J Virol*. Oct. 10316-328, 2007.
  156. Koontz T, Balic M, Tomac J, Pernjak-Pugel, Bantug G, Jonjic S, **Britt WJ**. Altered Development of the Brain following focal Herpesvirus infection of the CNS. *J Exper Med*. 205:423-435, 2008
  157. Wang Z, Zhou W, Srivastava T, La Rosa C, Mandarino A, Forman SJ, Zaia JA, **Britt, WJ**. A Fusion Protein of HCMV IE1 exon4 and IE2 exon5 Stimulates Potent Cellular Immunity in an MVA Vaccine Vector Corresponding. *J Virol* 1;377(2):379-90 2008.
  158. Seo JY, **Britt WJ**, Multimerization of Tegument Protein pp28 within the Assembly Compartment Is Required for Cytoplasmic Envelopment of Human Cytomegalovirus, *J Virol*, 2008 Jul;82(13):6272-87.
  159. Bantug, GR, Cekinovic D, Bradford R, Koontz T, Jonjic S, **Britt WJ**, CD8+T lymphocytes control murine cytomegalovirus replication in the central nervous system of newborn animals, *J Immunol* 1;181(3):2111-23 2008.
  160. Burkhardt C, Himmelein S, **Britt WJ**, Mach M, The glycoprotein N Subtypes of human cytomegalovirus induce a strain specific antibody response during natural infection. (In

- Press) Journal General Virology, 2009.
161. Wang Z, Zhou W, Srivastava T, La Rosa C, Mandarion A, Forman SJ, **Britt, WJ**, Diamond DJ. A fusion protein of HCMV IE1 exon4 and IE2 exon5 stimulated potent cellular immunity in an MVA vaccine vector. *Virology*, 2008 Aug.; 377(2):379-90.
  162. Dar L, Pati SK, Patro AR, Deorari AK, Rai S, Kant S, Broor S, Fowler KB, **Britt, WJ**. Congenital cytomegalovirus infection in a highly seropositive semiurban population in India, *Pediatr Infect Dis J.*, 2008 Sept;27(9):841-3.
  163. Cekinovic D, Golemac M, PUGel EP, Tomac J, Sain LC, Slavuljica I, Bradford R, Misch S, Winkler TH, Mach M, **Britt WJ**, Jonjic S. Passive immunization reduced MCMV induced brain pathology in newborn mice, *J Virol* 2008; 12172-80.
  164. Novak Z, Ross SA, Patro RK, Pati SK, Reddy MK, Purser M, **Britt WJ**, Boppana SB. Enzyme-Linked Immunosorbent Assay Method for Detection of Cytomegalovirus Strain-Specific Antibody Responses, *Clin Vaccine Immunol* 16, (2):288-290, 2009.
  165. Ross SA, Novak Z, Fowler KB, Arora N, **Britt WJ**, Boppana SB. Cytomegalovirus blood viral load and hearing loss in young children with congenital infection. *Pediatr Infect Dis J.* 28(6):515-20. PMID: 19483517.
  166. Rosenthal LS, Fowler KB, Boppana SB, **Britt WJ**, Pass RF, Schmid SD, Stagno S, Cannon MJ. Cytomegalovirus Shedding and Delayed Sensorineural Hearing Loss, *Pediatr Infect Dis J* 2009 Jun;28(6):515-520.
  167. Ross SA, Novak Z, Ashrith G, Rivera LB, **Britt WJ**, Hedges S, Schwebke JR, Boppana S. Association between genital tract cytomegalovirus infection and bacterial vaginosis. *J Infect Dis* 2009 Nov 15; 192(10):1727-30.
  168. Mussi-Pinhata MM, Yamamoto AY, Boppana SB, Novak Z, **Britt WJ**. Birth Prevalence And Natural History of Congenital Cytomegalovirus (CMV) Infection in a Highly Seroimmune Population, *Clinical Infectious Diseases*, 2009 Aug 15;49(4):522-8.
  169. Krzyzaniak MA, Mach M, **Britt WJ**, HCMV Encoded Glycoprotein M (UL100) Interacts With Rab11 Effector Protein FIP4, *Traffic*, Oct: 10(10):1437-57, 2009, PMID: 19761540.
  170. Rosenthal LS, Fowler KB, Boppana SB, **Britt WJ**, Pass RF, Schmid SD, Stagno S, Cannon MJ. Cytomegalovirus shedding and delayed sensorineural hearing loss: results from longitudinal follow-up of children with congenital infection. *Pediatr Infect Dis J.* 2009 Jun;28(6):515-20.
  171. Korpff B, Kopedel Y, **Britt WJ**, Mach M, Optimal replication of human cytomegalovirus is dependent on endocytosis of glycoprotein gpUL132. *J Virol.* 2010 Jul;84(14):7039-52. *J. Virol* 2010 PMID: 20444903.
  172. Ross SA, Arora N, Novak Z, Fowler KB, **Britt WJ**, Boppana SB. Cytomegalovirus reinfections in healthy seroimmune women. *J Infect Dis.* 2010 Feb 1;201(3):386-9. PMID: 20039807.
  173. Boppana SB, Ross SA, Novak Z, Shimamura M, **Britt WJ**, Tolan R, Palmer A, Ahmed A, Michaels M, Sanchez P, Bernstein D, Fowler KB. Evaluation of Dried Blood Spot PCR in Screening Newborns for Congenital Cytomegalovirus Infection. *JAMA.* 2010 14;303(14):1375-82. PMID 20388893.
  174. Wang Z, Martinez J, Zhou W, LaRosa C, Srivastava T, Dasgupte A, Rawal R, Li Z, **Britt WJ**, Diamond D, Modified H5 promoter improves stability of insert genes while maintaining immunogenicity during extended passage of genetically engineered MVA Vaccines, 2010 Feb 10;28(6):1547-57. PMID: 19969118
  175. Indran SV, Ballesteros ME, **Britt WJ**. Bicaudal D1-Dependent Trafficking of Human Cytomegalovirus Tegument Protein Pp150 In Virus infected Cells *J Virol.* 2010 Jan 20. *J Virol.* 2010 Apr;84(7):3162-77. PMID: 20089649
  176. Yamamoto AY, Mussi-Pinhata MM, Boppana SB, Novak Z, Wagatsuma VM, Oliveira PD, Duarte G, **Britt WJ**. Human Cytomegalovirus reinfection is associated with intrauterine transmission in a highly cytomegalovirus-immune maternal population. *Am J Obstet Gynecol.* 2010 Mar;202(3):297.e1-8. PMID: 20060091
  177. Shimamura M. and **Britt W.** "G-CSF and CD34+ progenitor cells in hematopoietic

- grafts: Too fertile for human cytomegalovirus.” *Cell Host and Microbe*, 2010.
178. Indran S, Britt W, A Role for the small GTPase RAB6 in the assembly of human cytomegalovirus, *J. Virol*, 2011 May;85(10):5213-9. Epub 2011 PMID: 21411515
  179. Shimamura M., Murphy-Ullrich JE, **Britt WJ**. ‘Human cytomegalovirus induces TGF , Activation in renal tubular epithelial cells after epithelial to mesenchmal transition, *PLoS Pathog.* 2010 Nov 4;6(11):e1001170. PMID: 21079788..
  180. Slavuljica I, Busche A, Babić M, Mitrović M, Gašparović I, Cekinović D, Markova CE , Pugel EG, Ciković A, Juranić Lisnić V, **Britt WJ**, Koszinowski U, Messerle M , Krmpotić A, Jonjić S, A ligand for the NKD2D receptor expressed by mouse CMV attenuates the virus, changes virus distribution and improves vaccine properties, *J Clin Invest.* 2010 Dec 1;120(12):4532-45. doi: 10.1172/JCI43961. Epub 2010 Nov 22. PMID: 21099111.
  181. Harkins L., Matlaf L; Soroceanu L; Klemm K, **Britt WJ**, Wang W, Moore K, Cobbs C, Detection of human cytomegalovirus in normal and neoplastic breast epithelium *Herpesviridae* 2010, 1:8. PMID: 21429243
  182. Yu X, Shah S, Lee M, Dai W, Lo P, **Britt WJ**, Zhu H, Liu F, Zhou H, Biochemical and Structural Characterization of the Capsid-Bound Tegument Proteins of Human Cytomegalovirus, *Journal of Structural Biology*, 2011, 174(3):451-460.
  183. Boppana S., Ross S., Shimamura M., Palmer A., Ahmed A., Michaels M., Sanchez P., Bersntein D., Tolan R., Novak Z., Chaudhury N., **Britt WJ**., Fowler K. Utility of Saliva Real-Time Polymerase Chain Reaction Assays to Screen Newborns for Congenital Cytomegalovirus Infection. *N Engl J Med.* 2011 Jun 2;364(22):2111-8. PMID 21631323.
  184. Yamamota AY, Mussi-Pinhata MM, Isaac MD, Amaral FR, Carvalheiro CG, Aragon DC, Manfredi AK, Boppana SB, **Britt WJ**. Congenital Cytomegalovirus Infection as a Cause of Sensorineural Hearing Loss in a Highly Immune Population *Pediatr Infect Dis J.* Dec. 2011, 1043-46 PMID: 21814153.
  185. Shimamura M.,Saunders, U, George, J, **Britt WJ**. Ganciclovir transiently attenuates murine cytomegalovirus associated renal allograft inflammation, *Transplantation*, 2011 Oct. 15;92(7):759-66, PMID: 21878840.
  186. Ross SA, Novak Z, , Pati, S, Patro RK, Blumenthal, J, Danthuluri, VR, Ahmed A, Michaels MG, Sanchez PJ, Bernstein DI, Tolan RW, Palmer AL, **Britt, WJ**, Fowler, KB, Boppana SB. Mixed infection and strain diversity in congenital cytomegalovirus infection. *J Infect Dis.* 2011 Oct 1;204(7):1003-7, PMID: 21881114.
  187. Pati S, Novak Z, Purser M, Arora N, Mach M, **Britt WJ**, and Boppana SB. Strain-specific neutralizing antibody responses against the human cytomegalovirus envelope glycoprotein N (gN). *Clin Vaccine Immunol.* 2012 Jun;19(6):909-13. Epub 2012 Apr 4. PMID: 22492744.
  188. Kropff B, Burkhardt C, Schott J, Nentwich J, Fisch T, **Britt WJ**, Mach M. Glycoprotein N of human cytomegalovirus protects the virus from neutralizing antiibodies *PLoS Pathog.* 2012 Oct;8(10):e1002999. doi: 10.1371/journal.ppat.1002999. Epub 2012 Oct 25. PMID: 23133379
  190. Kosmac,K, G Bantug, Pugel, Cekinovic,D, Jonjic,S, **Britt,WJ** Glucocorticoid Treatment of MCMV Infected Newborn Mice Attenuates CNS Inflammation and Limits Deficits in Cerebellar Development *PLoS Pathog.* 2013 March; 9(3): e1003200. Published online 2013 March 7. doi: 10.1371/journal.ppat.1003200 PMID: 23359130
  191. Gardner TJ, Bolovan-Fritts C, Teng MW, Redmann V, Kraus TA, Sperling R, Moran T, **Britt WJ**, Weinberger LS, Tortorella D Development of a high-throughput assay to measure the neutralization capability of anti-cytomegalovirus antibodies 2013 Apr;20(4):540-50. doi: 10.1128/CVI.00644-12. PMID 23389931.
  192. Pan X, Li XJ, Liu XJ, Yuan H, Li JF, Duan YL, Ye HQ, Fu YR, Qiao GH, Wu CC, Yang B, Tian XH, Hu KH, Miao LF, Chen XL, Zheng J, Rayner S, Schwartz PH, **Britt WJ**, Xu J, Luo MH. Later passage neural progenitor cells from neonatal brain are more permissive for human cytomegalovirus infection. . *J Virol.* 2013 Jul 31
  193. Dai X, Yu X, Gong H, Jiang X, Abenes G, Liu H, Shivakoti S, **Britt WJ**, Zhu H, Liu F,



- Zhou ZH. The smallest capsid protein mediates binding of the essential tegument protein pp150 to stabilize DNA-containing capsids in human cytomegalovirus. *PLoS Pathog.* 2013 Aug;9(8):e1003525. doi: 10.1371/journal.ppat.1003525. Epub 2013 Aug 15. PMID: 23966856
194. Boppana SB, **Britt WJ**, Recent approaches and strategies in the generation of antihuman cytomegalovirus vaccines. *Methods Mol Biol.* 2014;1119:311-48. doi: 10.1007/978-1-62703-788-4\_17. PMID: 24639230
  195. Hook LM, Grey F, Grabski R, Tirabassi R, Doyle T, Hancock M, Landais I, Jeng S, McWeeney S, **Britt WJ**, Nelson JA. Cytomegalovirus miRNAs Target Secretory Pathway Genes to Facilitate Formation of the Virion Assembly Compartment and Reduce Cytokine Secretion *Cell Host Microbe.* 2014 Mar 12;15(3):363-73. doi: 10.1016/j.chom.2014.02.004. PMID: 24629342
  196. Dreher AM, Arora N, Fowler KB, Novak Z, **Britt WJ**, Boppana SB, Ross SA. Spectrum of disease and outcome in children with symptomatic congenital cytomegalovirus infection. *J Pediatr.* 2014 Apr;164(4):855-9. doi: 10.1016/j.jpeds.2013.12.007. Epub 2014 Jan 14. PMID: 24433826
  197. Smith PD, Shimamura M, Musgrove LC, Dennis EA, Bimczok D, Novak L, Ballestas M, Fenton A, Dandekar S, **Britt WJ**, Smythies LE. *J Immunol.* 2014 Dec 1;193(11):5604-12. doi: 10.4049/jimmunol.1302608. Epub 2014 Oct 29. PMID: 25355920  
Cytomegalovirus enhances macrophage TLR expression and MyD88-mediated signal transduction to potentiate inducible inflammatory responses.
  198. Hook L, Hancock M, Landais I, Grabski R, **Britt WJ**, Nelson JA, Cytomegalovirus microRNAs. *Curr Opin Virol.* 2014 Aug;7:40-6. doi: 10.1016/j.coviro.2014.03.015. Epub 2014 Apr 23. Review. PMID:24769092
  199. Slavuljica, I, Kves`tak1,D, Huszthy,PC, Kate Kosmac, K, **Britt, WJ**, Jonjic, S Immunobiology of congenital cytomegalovirus infection of the central nervous system—the murine cytomegalovirus model. *Cellular & Molecular Immunology* (2014), 1–12
  200. Debby Basua, Peng Xiaoa, Alfred Berea, **Britt, WJ**, Joseph Mulengac, William Kilembec, Susan A. Allenc, Cynthia A. Derdeyna, Eric Hunter. Low antibody-dependent cellular cytotoxicity responses in Zambians prior to HIV-1 intrasubtype C superinfection *Virology* Volumes 462-463, August 2014, Pages 295-298
  201. Wieggers AK, Sticht H, Winkler TH, **Britt WJ**, Mach M. Identification of a neutralizing epitope within antigenic domain 5 of glycoprotein B of human cytomegalovirus. *J Virol.* 2015 Jan;89(1):361-72. doi: 10.1128/JVI.02393-14. Epub 2014 Oct 15 . PMID:25320309
  202. Fu YR, Liu XJ, Li XJ, Shen ZZ, Yang B, Wu CC, Li JF, Miao LF, Ye HQ, Qiao GH, Rayner S, Chavanas S, Davrinche C, **Britt WJ**, Tang Q, McVoy M, Mocarski E, Luo MH MicroRNA miR-21 attenuates human cytomegalovirus replication in neural cells by targeting Cdc25a. *J Virol.* 2015 Jan 15;89(2):1070-82. doi: 10.1128/JVI.01740-14. Epub 2014 Nov 5. PMID: 25378484
  203. Bradford, RD, Young, YG, Golemac, M, Pernjak Pugel, E., Jonjic, S, **Britt WJ**. Murine CMV-induced hearing loss is associated with inner ear inflammation and loss of spiral ganglia neurons. *PLoS Pathog.* 2015 Apr 13;11(4):e1004774. doi: 10.1371/journal.ppat.1004774. eCollection 2015 Apr. PMID: 25875183
  204. Li G, Nguyen CC, Ryckman BJ, **Britt WJ**, Kamil JP. A viral regulator of glycoprotein complexes contributes to human cytomegalovirus cell tropism. *Proc Natl Acad Sci U S A.* 2015 Apr 7;112(14):4471-6. doi: 10.1073/pnas.1419875112. Epub 2015 Mar 23. PMID: 25831500
  205. **Britt, WJ** Controversies in the natural history of congenital human cytomegalovirus infection: the paradox of infection and disease in offspring of women with immunity prior to pregnancy. *Med Microbiol Immunol.* 2015 Mar 13. [Epub ahead of print] PMID: 25764180.
  206. Li, XJ, Liu, XJ, Yang, B, Fu, YR, Zhao, F, Zhang-Zhou, S, Miao, LF, Simon Rayner,

- Chavanas,S, Zhu,H, **Britt, WJ**, Tang,Q, McVoy, M, and Luo, MH Human Cytomegalovirus Infection Dysregulates the Localization and Stability of NICD1 and Jag1 in Neural Progenitor Cells. *J Virol.* 2015 89(13):6792-804. doi: 10.1128/JVI.00351-15. Epub 2015 Apr 22.PMID:25903338
207. Renzette , Pokalyuk,C, Gibson,L, Bhattacharjee, B, Schleiss, M, Hamprecht, K, Yamamoto , A , Mussi-Pinhata, M, **Britt, W**, Jensen, J, Kowalik, T. Limits and patterns of cytomegalovirus genomic diversity in humans, *Proc Natl Acad Sci U S A.* 2015 Jul 28;112(30):E4120-8. doi: 10.1073/pnas.1501880112. Epub 2015 Jul 6. PMID:26150505
208. Chiuppesi,F, Wussow,F, Johnson,E, Bian,C, Zhuo, M, Rajakumar, A, Barry,P **Britt, WJ**, Rana Chakraborty,R, Diamond, DJ. Vaccine-Derived Neutralizing Antibodies to the Human Cytomegalovirus gH/gL Pentamer Potently Block Primary Cytotrophoblast Infection. *Journal of Virology* Sept. 15, 2015. PMID: 26378171.
209. Swetha G. Pinninti, SG. Rodgers, M Novak, Z, **Britt,WJ** , Fowler, KB, Boppana, Ross,SA. Clinical predictors of sensorineural hearing loss and cognitive outcome in infants with symptomatic congenital Cytomegalovirus infection. *Pediatr Infect Dis J.* 2016 Aug;35(8):924-6. doi: 10.1097/INF.0000000000001194 PMID: 27195603
210. Rieder, F, Biebl, J, Kastner, MT,Schneider, M, Jungbauer, C , Redlberger-Friz, M, **Britt, WJ**, Steininger, C.; Microbial Cryptotopes Are Prominent Targets Of B-cell Immunity; *Sci Rep.* 2016 Aug 19;6:31657. doi: 10.1038/srep31657. PMID: 27539094
211. Seo JY, Jeon H, Hong S, **Britt WJ**.. Distinct functional domains within the acidic cluster of tegument protein pp28 required for trafficking and cytoplasmic envelopment of human cytomegalovirus. *J Gen Virol.* 2016 Oct;97(10):2677-2683. doi: 10.1099/jgv.0.000565 PMID 27450273
212. Rebmann GM, Grabski R, Sanchez V, **Britt WJ**. Phosphorylation of Golgi Peripheral Membrane Protein Grasp65 Is an Integral Step in the Formation of the Human Cytomegalovirus Cytoplasmic Assembly Compartment. *MBio.* 2016 Oct 4;7(5). pii: e01554-16. doi: 10.1128/mBio.01554-16. PMID: 27703074.
213. Pan X, Li XJ, Liu XJ, Yuan H, Li JF, Duan YL, Ye HQ, Fu YR, Qiao GH, Wu CC, Yang B, Tian XH, Hu KH, Miao LF, Chen XL, Zheng J, Rayner S, Schwartz PH, **Britt WJ**, Xu J, Luo MH. Correction for Pan et al., Later Passages of Neural Progenitor Cells from Neonatal Brain Are More Permissive for Human Cytomegalovirus Infection. *J Virol.* 2016 Oct 28;90(22):10431-10433. No abstract available. PMID: 27794070
214. Rieder, F, Kastner, MT, Hartl, M, Puchinger, MG, Schneider, M, Majdic, O, **Britt, WJ**, Djinović-Carugo, K,Christoph Steininger, C. Human Cytomegalovirus Phosphoproteins are Hypophosphorylated and Intrinsically Disordered. *J Gen Virol.*2016 Dec 13. doi: 10.1099/jgv.0.000675. [Epub ahead of print] PMID: 27959783
215. Pokalyuk C, Renzette N, Irwin KK, Pfeifer SP, Gibson L, **Britt WJ**, Yamamoto AY, Mussi-Pinhata MM, Kowalik TF, Jensen JD. Characterizing human cytomegalovirus reinfection in congenitally infected infants: an evolutionary perspective. *Mol Ecol.* 2016 Dec 18. doi: 10.1111/mec.13953. [Epub ahead of print] PMID:27988973
216. Seleme, MC, Kosmac, K, Jonjic,S, and **Britt, WJ**. TNF $\alpha$  Induced Recruitment of Inflammatory Myeloid Mononuclear Cells Leads to CNS Inflammation and Altered Brain Development in MCMV Infected Newborn Mice. *J Virol.* 2017 Jan 25. pii: JVI.01983-16. doi: 10.1128/JVI.01983-16. PMID: 28122986
217. Liu XJ, Yang B, Huang SN, Wu CC, Li XJ, Cheng S, Jiang X, Hu F, Ming YZ, Nevels M, **Britt WJ**, Rayner S, Tang Q, Zeng WB, Zhao F, Luo MH Human Cytomegalovirus IE1 Downregulates Hes1 in Neural Progenitor Cells as an E3 Ubiquitination Ligase. *PLoS Pathog.* 2017 Jul 27;13(7):e1006542. doi: 10.1371/journal.ppat.1006542. [Epub ahead of print] PMID: 28750047
218. Tršan T, Vuković K, Filipović P, Brzić AL, Lemmermann NAW, Schober K, Busch DH, **Britt WJ**, Messerle M, Krmpotić A, Jonjić S. Cytomegalovirus vector expressing RAE-1 $\gamma$  induces enhanced anti-tumor capacity of murine CD8 $^{+}$  T cells. *Eur J Immunol.* 2017 Jun 14. doi: 10.1002/eji.201746964. [Epub ahead of print] PMID: 28612942
219. **Britt WJ**. Congenital Human Cytomegalovirus Infection and the Enigma of Maternal

- Immunity. *J Virol.* 2017 Jul 12;91(15). pii: e02392-16. doi: 10.1128/JVI.02392-16. Print 2017 Aug 1. PMID: 28490582
220. Bootz A, Karbach A, Spindler J, Kropff B, Reuter N, Sticht H, Winkler TH, **Britt WJ**, Mach M. Protective capacity of neutralizing and non-neutralizing antibodies against glycoprotein B of cytomegalovirus. *PLoS Pathog.* 2017 Aug 30;13(8):e1006601. doi: 10.1371/journal.ppat.1006601. [Epub ahead of print] PMID: 28854233
  221. Brzić I, Hiršl L, **Britt WJ**, Krmpotić A, Jonjić S. Immune responses to congenital cytomegalovirus infection. *Microbes Infect.* 2017 Dec 26. pii: S1286-4579(17)30233-2. doi: 10.1016/j.micinf.2017.12.010. [Epub ahead of print] PMID: 29287989
  222. Subramaniam A, **Britt WJ**. Herpesviridae Infection: Prevention, Screening, and Management. *Clin Obstet Gynecol.* 2017 Dec 27. doi: 10.1097/GRF.0000000000000335. [Epub ahead of print] PMID: 29283902
  223. Boppana SB, **Britt WJ**, Fowler K, Hutto SC, James SH, Kimberlin DW, Poole C, Ross SA, Whitley RJ. Pathogenesis of Non-Zika Congenital Viral Infections. *J Infect Dis.* 2017 Dec 16;216(suppl\_10):S912-S918. doi: 10.1093/infdis/jix431. PMID: 29267912
  224. Milbradt J, Sonntag E, Wagner S, Strojhan H, Wangen C, Lenac Rovis T, Lisnic B, Jonjić S, Sticht H, **Britt WJ**, Schlötzer-Schrehardt U, Marschall M. Human Cytomegalovirus Nuclear Capsids Associate with the Core Nuclear Egress Complex and the Viral Protein Kinase pUL97. *Viruses.* 2018 Jan 13;10(1). pii: E35. doi: 10.3390/v10010035. PMID: 29342872
  225. Yang B, Liu XJ, Yao Y, Jiang X, Wang XZ, Yang H, Sun JY, Miao Y, Wang W, Huang ZL, Wang Y, Tang Q, Rayner S, Britt WJ, McVoy MA, Luo MH, Zhao F. WDR5 Facilitates Human Cytomegalovirus Replication by Promoting Capsid Nuclear Egress *J Virol.* 2018 Feb 7. pii: JVI.00207-18. doi: 10.1128/JVI.00207-18. [Epub ahead of print] PMID: 29437978
  226. Barbosa NG, Yamamoto AY, Duarte G, Aragon DC, Fowler KB, Boppana S, **Britt WJ**, Mussi-Pinhata MM. Cytomegalovirus (CMV) Shedding in Seropositive Pregnant Women from a High Seroprevalence Population: The Brazilian Cytomegalovirus Hearing and Maternal Secondary Infection Study (BraCHS). *Clin Infect Dis.* 2018 Feb 27. doi: 10.1093/cid/ciy166. [Epub ahead of print] PMID: 29490030
  227. Brzić I, Šušak B, Arapović M, Huszthy PC, Hiršl L, Kveštak D, Juranić Lisnić V, Golemac M, Pernjak Pugel E, Tomac J, Oxenius A, **Britt WJ**, Arapović J, Krmpotić A, Jonjić S. Brain-resident memory CD8+ T cells induced by congenital CMV infection prevent brain pathology and virus reactivation. *Eur J Immunol.* 2018 Mar 3. doi: 10.1002/eji.201847526. [Epub ahead of print] PMID: 29500823
  228. **Britt WJ** Adverse outcomes of pregnancy-associated Zika virus infection *Semin Perinatol.* 2018 Mar 6. pii: S0146-0005(18)30009-0. doi: 10.1053/j.semperi.2018.02.003. [Epub ahead of print]
  229. Mussi-Pinhata MM, Yamamoto AY, Aragon DC, Duarte G, Fowler KB, Boppana S, **Britt WJ**. Seroconversion for Cytomegalovirus infection during pregnancy and fetal infection in a highly seropositive population: "The BraCHS Study". *J Infect Dis.* 2018 Jun 4. doi: 10.1093/infdis/jiy321. [Epub ahead of print] PMID: 29868783
  230. Dennis EA, Smythies LE, Grabski R, Li M, Ballestas ME, Shimamura M, Sun JJ, Grams J, Stahl R, Niederweis ME, **Britt WJ**, Smith PD. Dennis EA, Cytomegalovirus promotes intestinal macrophage-mediated mucosal inflammation through induction of Smad7. *Mucosal Immunol.* 2018 Aug 3. doi: 10.1038/s41385-018-0041-4. [Epub ahead of print] PMID: 30076393
  231. Wu CC, Jiang X, Wang XZ, Liu XJ, Li XJ, Yang B, Ye HQ, Harwardt T, Jiang M, Xia HM, Wang W, **Britt WJ**, Paulus C, Nevels M, Luo MH Human Cytomegalovirus Immediate-Early 1 Protein Causes Loss of SOX2 from Neural Progenitor Cells by Trapping Unphosphorylated STAT3 in the Nucleus. *J Virol.* 2018 Jun 27. pii: JVI.00340-18. doi: 10.1128/JVI.00340-18. PMID: 29950413
  232. **Britt WJ**. Maternal Immunity and the Natural History of Congenital Human

- Cytomegalovirus Infection. *Viruses*. 2018 Aug 3;10(8). pii: E405. doi: 10.3390/v10080405. Review. PMID: 30081449
233. Zicari S, Arakelyan A, Fitzgerald W Vanpouille C, Lebedeva A, Schmitt A, Bomsel M, Britt WJ, Margolis L. Human cytomegalovirus-infected cells release extracellular vesicles that carry viral surface proteins. *Virology*, 524:97-105, 2018. PMID30165311
234. **Britt WJ**, Prichard MN. New therapies for human cytomegalovirus infections. *Antiviral Res.* 2018 Sep 15. pii: S0166-3542(18)30431-5. doi: 10.1016/j.antiviral.2018.09.003. [Epub ahead of print] Review. PMID: 30227153.
235. Vanarsdall, A, Chin, AL, Jardetzky, T, Mudd, JO, Orloff, SL, Streblow, D, Mussi-Pinhata, MM, Durate, G, **Britt, WJ**, Johnson, DC. HCMV trimer- and pentamer-specific antibodies synergize for virus neutralization but do not correlate with congenital transmission. *Proc Natl Acad Sci U S A.* 2019 Feb 7. pii: 201814835. doi: 10.1073/pnas.1814835116. PMID: 30733288
236. Brizić I, Hiršl L, Šustić M, Golemac M, **Britt WJ**, Krmpotić A, Jonjić S. CD4 T cells are required for maintenance of CD8 TRM cells and virus control in the brain of MCMV-infected newborn mice. *Med Microbiol Immunol.* 2019 Mar 28. doi: 10.1007/s00430-019-00601-0. [Epub ahead of print] PMID: 30923899
237. Krmpotić A, Podlech J, Reddehase MJ, Britt WJ, Jonjić S. Role of antibodies in confining cytomegalovirus after reactivation from latency: three decades' résumé. *Med Microbiol Immunol.* 2019 Mar 28. doi: 10.1007/s00430-019-00600-1. [Epub ahead of print] Review. PMID: 30923898
238. Sung Y.W., Shelby P., Li S.Z., Jonjic S., Hirose K., **Britt WJ**, Sensorineural hearing loss is associated with congenital murine cytomegalovirus infection by alteration of cochlear structures. In revision April 2019.
239. Yamamoto AY, Anastasio ART, Massuda ET, Isaac ML, Manfredi AKS, Cavalcante JMS, da Silva AC, Fowler KB, Boppana SB, Britt WJ, Mussi-Pinhata MM. Contribution of congenital cytomegalovirus (cCMV) to permanent hearing loss in a highly seropositive population: The BRACHs study. In revision April 2019.
240. Valenteros, K, Seleme, M, Li, M, Jonjic, S, Britt, WJ. Persistent of MCMV in the CNS of aged mice infected as newborns. Maintenance of inflammation and anti-viral CD<sup>+</sup> resident T lymphocytes in the CNS of newborn mice infected with MCMV. In preparation April 2019.

#### BOOKS and BOOK CHAPTERS:

1. Thompson TR, Tilleli J, Johnson DE, **Britt WJ**, L'Heureux P, Williams H, Jarvis C, Burke BA: Umbilical artery catheterization complicated by mycotic aortic aneurysm in neonates. In: *Advances in Pediatrics*, Vol. 27, Barness LA (ed), Year Book Medical Publishers, Inc. (Chicago), 1980, pp 275-318
2. **Britt WJ**, Chesebro B: Recovery from Friend virus leukemia is determined by the H-2 genotype of nonleukemic cells to the spleen and bone marrow. In: *Genetic Control of Natural Resistance to Infection and Malignancy*. Skamene E, Longshaven PAL, Landy M (eds), Academic Press (New York), 1980, pp 329-335
3. **Britt WJ**, Chesebro B: Recovery from Friend virus leukemia is influenced by Rfv-1 (H-2D) gene control of the kinetics of the virus-specific T lymphocyte response. In: *Advances of Comparative Leukemia Research*, Yohn DS, Lapn B, Blakeslee JR (eds), Elsevier/North Holland, 1981, pp 140-143
4. Portis JL, **Britt WJ**, Evans LH, Chesebro B: An antibody produced during graft-versus-host reaction recognizes an erythroid differentiation antigen. In: *Luekemia Reviews International*, Vol. 1, Rich MA (ed), Marcel Dekker, Inc. (New York), 1983, pp 209-210
5. Stagno S, Pass RF, Dworsky ME, **Britt WJ**, Alford CA: Congenital and perinatal cytomegalovirus infections: clinical characteristics and pathogenic factors. In: *CMV: Pathogenesis and Prevention of Human Infection*, Birth Defects: Original Article Series, Vol. 20, No. 1, Plotkin SA, Michelson S, Pagano JS, Rapp F (eds), Alan R. Liss, Inc.

- (New York), 1984, pp 345-352
6. **Britt WJ**: Neutralizing antibodies react with a complex of cytomegalovirus envelope glycoproteins. *In: Herpesvirus*, UCLA Symposia/Burroughs Wellcome Company, Keystone, Colorado, April 8-13, 1984, Alan R. Liss, Inc. (New York), pp 217-226
  7. Pass RF, **Britt WJ**, Stagno S, Alford CA: Specific cell mediated immunity in congenital and perinatal cytomegalovirus infection. *In: Herpesvirus*, UCLA Symposia/Burroughs Wellcome Company, Keystone, Colorado, April 8-13, 1984, Alan R. Liss, Inc. (New York), pp 197-209
  8. Alford CA, **Britt WJ**: Cytomegalovirus. *In: Virology*, Fields BN, Knipe DM, Chanock RM, Melnick JL, Roizman B, Shope RE (eds), Raven Press (New York), 1985, Chapter 29, pp 629-660
  9. **Britt WJ**: Slow virus diseases. *In: Textbook of Pediatric Infectious Diseases*, 2<sup>nd</sup> Edition, Feigin and Cherry (eds), W.B. Saunders Co. (New York), 1987, Chapter 31, pp 1849-1866
  10. Stagno S, Pass RF, **Britt WJ**: Cytomegalovirus. *In: Diagnostic Procedures for Viral, Rickettsial and Chlamydial Infections*, 6<sup>th</sup> Edition, Schmidt NJ, Emmons RW (eds), 1989, Chapter 12, pp 321-378
  11. Alford CA, **Britt WJ**: Cytomegalovirus: clinical, pathogenetic and therapeutic features. *In: Virology*, 2<sup>nd</sup> Edition, Fields BN, Knipe DM, Chanock RM, Hirsch, Melnick JL, Monath, Roizman B (eds), Raven Press (New York), 1990, Chapter 70, pp 1981-2010
  12. **Britt WJ**, Fay J, Stephens E, Kniess N, Utz U, Mach M: Identification of an immunodominant linear epitope on human cytomegalovirus gp55-116 (gB). *In: Vaccines '90*, Lerner RA, Ginsberg H, Chanock RM, Brown F (eds), Cold Spring Harbor (New York), 1990, pp 457-460
  13. Mestecky J, Waldo FB, **Britt WJ**, Julian BA, Tomana M, van den Wall Bake AWL, Russell MW, Galla JH, Moldoveanu Z, Jackson S: Exogenous antigens deposited in the glomeruli of patients with IgA nephropathy. *In: Pathogenesis of IgA Nephropathy*, Sakai H, Sakai O, Nomoto Y (eds), Harcourt Brace Jovanovich (Tokyo, Japan), 1990, pp.247-257 (Proceedings from the International Symposium on IgA Nephropathy, Tokai University)
  14. Boppana SB, **Britt WJ**, Polis M, Koenig S: Antibody responses to human cytomegalovirus in HIV-1 seropositive patients with HCMV retinitis. *In: Vaccines '92*, Brown F, Chanock RM, Ginsberg HS, Lerner RA (eds), Cold Spring Harbor Laboratory Press (New York), 1992, pp 299-302
  15. **Britt WJ**: Slow virus diseases. *In: Textbook of Pediatric Infectious Diseases*, 3<sup>rd</sup> Edition, Feigin RD, Cherry JD (eds), W.B. Saunders Company (Philadelphia), 1992, pp 1818-1837
  16. Alford CA, **Britt WJ**: Cytomegalovirus. *In: The Human Herpesviruses*, Roizman B, Whitley RJ, Lopez C (eds), Raven Press (New York), 1993, pp 227-255
  17. **Britt WJ**: Infections associated with human cytomegalovirus. *In: Herpesvirus Infections*, Glaser R, Jones JF (eds), Marcel Dekker (New York), 1994, pp 59-116
  18. Pass RF, **Britt WJ**, Stagno S: Cytomegalovirus. *In: Diagnostic Procedures for Viral, Rickettsial and Chlamydial Infections*, 7<sup>th</sup> Edition, Lennette EH, Lennette DA, Lennette ET (eds), APHA, 1995, Chapter 15, pp 253-271
  19. **Britt WJ**, Alford CA: Cytomegalovirus. *In: Virology*, 3<sup>rd</sup> Edition, Fields BN, Knipe DM, Howley PM (eds), Raven Press (New York), 1995, pp 2493-2523
  20. **Britt WJ**: Cytomegalovirus infection. *In: Cecil Textbook of Medicine*, 20<sup>th</sup> edition, Bennett JC, Plum F (eds), W.B. Saunders (Philadelphia), 1996, pp 1774-1776
  21. **Britt WJ**: Cytomegalovirus overview: the virus and its pathogenic mechanisms. *In: Baillière's Clinical Infectious Diseases*, Arvin A (ed), Ballière Tindall (London), 1996, 3:307-325
  22. **Britt WJ**: Human cytomegalovirus infections during pregnancy. *In: Baillière's Clinical Infectious Diseases*, Arvin A (ed), Ballière Tindall (London), 1996, 3:327-343
  23. **Britt WJ**: Betaherpesviruses: cytomegalovirus, human herpesviruses 6 and 7. *In:*

- Topley & Wilson's Microbiology and Microbial Infections, Ninth Edition, Mahy B, Collier L (eds), Edward Arnold (London), 1998, pp 339-350
24. **Britt WJ**: Slow virus diseases. *In: Textbook of Pediatric Infectious Diseases*, 4<sup>th</sup> Edition, Feigin RD, Cherry JD (eds), W.B. Saunders Company (Philadelphia), 1998, pp 1646-1666
  25. **Britt WJ**: Adverse outcome of pregnancy associated with maternal virus infection: the importance of human cytomegalovirus. *In: Sexually Transmitted Diseases and Adverse Outcomes of Pregnancy*, Hitchcock PJ, MacKay TH, Wasserheit JN, Binder R (eds), ASM Press, 1998, pp. 269-281
  26. **Britt WJ**: Cytomegalovirus infection. *In: Cecil Textbook of Medicine*, 21<sup>st</sup> edition, Goldman L, Bennett JC (eds), W.B. Saunders (Philadelphia), pp. 1814-1816
  27. **Britt WJ**: Slow viruses affecting the central nervous system. *In: Oski's Pediatrics: Principles and Practice*, 3<sup>rd</sup> edition, DeAngelis CD, Feigin RD, McMillan JA, Warshaw JB (eds), Lippincott-Raven (Philadelphia), pp. 1987-1990.
  28. **Britt WJ**: Betaherpesviruses: cytomegalovirus, human herpesvirus 6 and 7. *In Topley and Wilson's Microbiology and Microbial Infections, Tenth Edition*, Mahy, B, Collier L (eds), Edward Arnold (London), 2001.
  29. **Britt WJ**: Prion Diseases. *In: Textbook of Pediatric Infectious Diseases*, 5<sup>th</sup> Edition, Feigin, RD, Cherry, JD (eds), WB Saunders Company (Philadelphia), 2003
  30. **Britt WJ**: Betaherpesviruses: cytomegalovirus, human herpesviruses 6 and 7. *In Topley & Wilson's Microbiology and Microbial Infections*, Ninth Edition, Mahy B, Collier L (eds). 2003
  31. **Britt WJ**. Cytomegalovirus infection. *In: Cecil Textbook of Medicine*, 22<sup>nd</sup> edition, Goldman L, Bennett JC (eds), W.B. Saunders (Philadelphia), 2004.
  32. Stagno, S. and **Britt, WJ**. Cytomegalovirus, *In Infectious Diseases of the Fetus and Newborn Infant*, J. Remington and J. Klein, eds. W.B. Saunders (Philadelphia), 2005.
  33. **Britt, WJ**. Betaherpesviruses, *In Schaeter's Mechanisms of Microbial Disease*, 4<sup>th</sup> Edition. C. Engleberg, V. DiRita, T. Dermody, Eds., in press
  34. Boppana SB and **Britt WJ**. Cytomegalovirus, *In Infection and the Ear*. Whurr Publishers Ltd (London), 2005 (in press).
  35. **Britt WJ**. Slow virus infections and transmissible spongiform encephalopathies of the central nervous system. *In Oski's Pediatrics: Principles and Practice*, 3<sup>rd</sup> Edition, McMillan JA, DeAngelis CD, Feigin RD, Warshaw JB (eds), Lippincott Williams & Wilkins (Philadelphia) in press.
  36. **Britt WJ**. Human cytomegalovirus infections and mechanisms of disease. Chapter 1 *In Cytomegaloviruses: Molecular Biology and Immunology*, (Reddehase MJ, ed.), Horizon Scientific Press, Hethersett, Norwich, UK, 2006.
  37. **Britt WJ**. Betaherpesviruses: Maturation and Egress, *In Human Herpesviruses: Biology, Therapy, and Immunoprophylaxis*, Arvin A, Campadielli-Fume G, Mocarski E, Roizman B, Whitley R, Yamanishi K (eds). Cambridge University Press, to be published August 2006.
  38. **Britt WJ**. HCMV: Virus entry, establishment of infection, spread in host, mechanisms of tissue damage. *In Human Herpesviruses: Biology, Therapy, and Immunoprophylaxis*, Arvin A, Campadielli-Fume G, Mocarski E, Roizman B, Whitley R, Yamanishi K (eds), Cambridge University Press, (in press)
  39. **Britt WJ**. Primate Models: Pros and Cons. *In Cytomegaloviruses: Molecular Biology and Immunology*, (Reddehase MJ, ed.), Horizon Scientific Press, Herthersett, Norwich, UK, 2006.
  40. Stagno, S. and **Britt, WJ**. Cytomegalovirus. *In Infections of the Fetus and the Newborn Infant*. Remington, JS and Klein, JO. Elsevier Saunders, Philadelphia, Pa. US, 2007
  41. **Britt WJ**. Cytomegalovirus and Epstein-Barr Virus, *In Schaecther's Mechanisms of Microbial Disease*, 4<sup>th</sup> Edition, Engleberg NC, DiRita V, Dermody TS (eds), Lippincott Williams & Williams. 2007
  42. **Britt WJ**. Manifestations of Human Cytomegalovirus Infection: Proposed Mechanisms

- of Acute and Chronic Disease, *In Current Topics in Microbiology*, Shenk T. and Stinski, M. 2008.
43. **Britt WJ.** Transmissible Spongiform Encephalopathies (Creutzfeldt-Jakob Disease, Gerstmann-Straussler-Scheinker Disease, KURU Fatal Familial Insomnia, New Variant Creutzfeldt-Jacob Disease, Sporadic Fatal Insomnia). Feigin & Cherry's Text Book of Pediatric Infectious Diseases 6<sup>th</sup> Edition, 2009.
  44. **Britt, WJ.** Cytomegalovirus. *In Infections of the Fetus and the Newborn Infant*. Remington, JS and Klein, JO. 7<sup>th</sup> Ed, .Elsevier Saunders, Philadelphia, Pa. US, 2010
  45. **Britt WJ.** Cytomegalovirus and Epstein-Barr Virus, *In Schaecther's Mechanisms of Microbial Disease*, 5<sup>th</sup> Edition, Engleberg NC, DiRita V, Dermody TS (eds), Lippincott Williams & Williams. 2010.
  46. **Britt WJ,** Human cytomegalovirus: propagation, quantification, and storage. Curr Protoc Microbiol. 2010 Aug;Chapter 14:Unit 14E.3.PMID: 20812216.
  47. **Britt, WJ,** Cenkinovic, D., Jonjic, S. Murine Model of Neonatal Cytomegalovirus Infection *In Cytomegaloviruses: Molecular Biology and Immunology*, (Reddehase MJ, ed.), Horizon Scientific Press, Herthersett, Norwich, UK, 2012
  48. Boppana, S. **Britt, WJ.** Synopsis of Clinical Aspects of Human Cytomegalovirus Disease *In Cytomegaloviruses: Molecular Biology and Immunology*, (Reddehase MJ, ed.), Horizon Scientific Press, Herthersett, Norwich, UK, 2012.
  49. **Britt, WJ.** Cytomegalovirus *In Infections of the Fetus and the Newborn Infant*. Remington, JS and Klein, JO. Elsevier Saunders, Philadelphia, Pa. US, 2015
  50. **Britt, WJ.** Cytomegalovirus *In Nelson's Principles of Pediatrics*, Elsevier, Philadelphia, Pa., May 2015
  51. Shimamura, M. and **Britt, WJ.** Cytomegalovirus *in Neonatology: Clinical Practice and Procedures*. Edited by, Stevenson, Cohen and Sunshine. McGraw Hill, USA, June 2015.
  52. **Britt, WJ,** Cytomegalovirus in Nelson's Principles of Pediatrics, Elsevier, Philadelphia, Pa., May 2017.
  53. Harrison, G., **Britt WJ.** Transmissible Spongiform Encephalopathies (Creutzfeldt-Jakob Disease, Gerstmann-Straussler-Scheinker Disease, KURU Fatal Familial Insomnia, New Variant Creutzfeldt-Jacob Disease, Sporadic Fatal Insomnia). Feigin & Cherry's Text Book of Pediatric Infectious Diseases 8<sup>th</sup> Edition, 2018
  54. **Britt, WJ** , CYTOMEGALOVIRUS for the ninth edition of Mandell, Douglas and Bennett's Principles and Practice of Infectious Diseases, in preparation April, 2019.
  55. **Britt, WJ,** Cytomegalovirus in Nelson's Principles of Pediatrics, Elsevier, Philadelphia, Pa., May 2019.

#### ABSTRACTS

1. Morrow G, Giles H, **Britt WJ**, Lebowitz J: Detection of vitamin B-12 nonresponsive methylmalonic acidemia in uncultured amniotic cells. Clin Res 24:187A, 1976
2. Rifkind D, **Britt WJ**, Frey J, Petersen E, Dinowitz M: Vertical transmission of delayed foot and pad reactivity to fungal antigens in mice. Clin Res 25:157A, 1977
3. Chesebro B, **Britt WJ**, Collins JK: Loss of intracellular and cell surface viral antigens from Friend-virus induced erythroleukemia cells of Rfv-3 mice 30 to 60 days after virus isolation. Fourth International Congress of Immunology, Paris, 1980, Abstract #9.1.02 (Presented)
4. **Britt WJ**, Chesebro B: Recovery from Friend virus leukemia is determined by the H-2 genotype of nonleukemic cells of the spleen and bone marrow. In: Genetic Control of Natural Resistance to Infection and Malignancy. Skamme E, Longshaven PAL, Landy M (eds), Academic Press (New York), 1980, pp 329-335. Presented at International Symposium on Genetic Control of Natural Resistance to Infection and Malignancy,

- Montreal, Quebec, Canada, 1980
5. Chesebro B, **Britt WJ**: Monoclonal anti-gp70 antibodies cause *in vivo* reduction of Friend Virus infectious centers in leukemic spleens. RNA Tumor Viruses Symposium, Cold Spring Harbor, NY, 1981 (Presented)
  6. **Britt WJ**, Portis J: Murine erythroid progenitor cells express a unique MuLV encoded gp70. UCLA-ICN Symposium on Normal and Neoplastic Hematopoiesis, 1983 (Presented)
  7. **Britt WJ**: Characterization of a low molecular weight virion structural protein of cytomegalovirus. Program & Abstracts, 23<sup>rd</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Session 94, Abstract #916, October 24-26, 1983 (Presented)
  8. **Britt WJ**: Neutralizing antibodies react with a complex of cytomegalovirus envelope glycoproteins. Herpesvirus Burroughs Wellcome Company-UCLA Symposium, Keystone, Colorado, April 8-13, 1984 (Presented)
  9. Pass RF, **Britt WJ**, Stagno S, Alford CA: Specific immune responses of children with congenital cytomegalovirus infection. Herpesvirus, Burroughs Wellcome Company-ULCA Symposium, Keystone, Colorado, April 8-13, 1984 (Presented)
  10. **Britt WJ**, Pass RF, Stagno S, Alford CA: Transplacental passage of anti-CMV antibodies during *in utero* infection. Program Issue, APS/SPR, *Pediatr Res* 18:270, Abstract #1045, 1984 (Presented)
  11. Conboy TJ, Pass RF, Stagno S, **Britt WJ**, Alford CA, McFarland CE, Boll TJ: Congenital cytomegalovirus infection and intellectual development. Program Issue, APS/SPR, *Pediatr Res* 19:116A, Abstract #33, 1985 (Presented)
  12. Stagno S, Pass RF, **Britt WJ**, Alford CA: Consequences of primary maternal cytomegalovirus infection. Program Issue, APS/SPR, *Pediatr Res* 19:305A, Abstract #1165, 1985 (Presented)
  13. **Britt WJ**, Auger D: Antibody reactivity against CMV envelope proteins in infants with symptomatic and subclinical congenital infection. Program & Abstracts, 25<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #909, pp 259, Sept. 29-Oct. 2, 1985 (Presented)
  14. Hayes K, Alford CA, **Britt WJ**: Antibody response to infected cell proteins following primary symptomatic and subclinical cytomegalovirus infection. Program & Abstracts, 25<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #908, Sept. 29-Oct. 2, 1985 (Presented)
  15. Conboy TJ, Pass RF, Myers GJ, Stagno S, **Britt WJ**, Alford CA, Boll TJ: Symptomatic congenital cytomegalovirus infection and mental retardation. Program Issue, APS/SPR, *Pediatr Res* 20:160A, Abstract #44, 1986 (Presented)
  16. **Britt WJ**: Structural and immunological characterization of an abundant 68,000 dalton cytomegalovirus protein. American Society for Virology Annual Meeting, Santa Barbara, CA, June 22-26, 1986
  17. **Britt WJ**, Vugler LG: Glycosylation and intracellular transport of the human cytomegalovirus gp55-116 envelope complex. Eleventh International Herpesvirus Workshop, Leeds, England, July 21-26, 1986
  18. Barnes DW, **Britt WJ**, Lakeman F, Whitley RJ: Urine cytomegalovirus antigen detection. Program & Abstracts, 26<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #726, pp 230, New Orleans, LA, Sept. 29-Oct. 1, 1986 (Presented)
  19. **Britt WJ**, Vugler LG, Stephens EB: Expression of the HCMV gp55-116 in prokaryotic and eukaryotic vectors. American Society for Virology Annual Meeting, Chapel Hill, NC, May 31-June 4, 1987 (Presented)
  20. **Britt WJ**, Vugler LG: Effects of inhibitors of glycoprotein processing on the assembly, release and infectivity of human cytomegalovirus. VIIth International Congress of Virology, Edmonton, Alberta, Canada, August 9-14, 1987 (Presented)
  21. Pass RF, Stagno S, **Britt WJ**, Alford CA: Young children as a source of maternal and



- congenital cytomegalovirus infection. VIIth International Congress of Virology, Edmonton, Alberta, Canada, August 9-14, 1987 (Presented)
22. Mach M, Utz U, **Britt WJ**, Fleckenstein B: The major glycoprotein of human cytomegalovirus is a candidate for a subunit vaccine. Modern Approaches to New Vaccines Including Prevention of AIDS, Cold Spring Harbor, NY, Sept. 9-13, 1987 (Presented)
  23. Gentile MA, Pass RF, Stagno S, **Britt WJ**, Boll TJ: Intellectual ability of children who acquired cytomegalovirus in early infancy. Clin Res 36:51A, 1988. SSPR meeting, New Orleans, LA, Feb. 3-5, 1988 (Presented)
  24. Stephens EB, **Britt WJ**: Molecular analysis of a F-MuLV deletion mutant lacking the cytoplasmic domain of gp70/p15E. American Society for Virology Annual Meeting, Austin, TX, June 12-16, 1988 (Presented)
  25. **Britt WJ**, Vugler L, Stephens E: Cell surface expression of HCMV gp55-116 (gB) neutralizing epitopes. 13<sup>th</sup> International Herpesvirus Workshop, Irvine, CA, August 7-13, 1988 (Presented as poster session)
  26. Utz U, Britt W, Mach M: Mapping of a neutralizing epitope on the glycoprotein gp58 of human cytomegalovirus. 13<sup>th</sup> International Herpesvirus Workshop, Irvine, CA, August 7-13, 1988 (Presented as poster session)
  27. Faircloth M, Smith R, Stagno S, **Britt WJ**: Development of a rapid microimmunoassay for the detection of human cytomegalovirus (HCMV) in urine of newborns. Program & Abstracts, 28<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #814, p 253, Los Angeles, CA, October 24-26, 1988
  28. Waldo FB, Tomana M, **Britt WJ**, Julian BA, Mestecky J: Specificity of glomerular anti-CMV staining in IgA nephropathy. 18<sup>th</sup> Annual Scientific Meeting of the National Kidney Foundation, December 10-11, 1988
  29. **Britt WJ**, Vugler L, Wells D, Stephens E: Immunogenicity of recombinant gp55-116 (gB): importance of carbohydrate modifications. 2<sup>nd</sup> International Cytomegalovirus Workshop, University of California, San Diego, March 27-30, 1989
  30. Spaete RR, Saxena A, Song GJ, Probert WS, **Britt WJ**, Rasmussen L, Pacht C: Human cytomegalovirus strain Towne glycoprotein B proteolytic cleavage is inhibited by the calcium-specific ionophore. 2<sup>nd</sup> International Cytomegalovirus Workshop, University of California, San Diego, March 27-30, 1989
  31. McCollister FP, Dahle AJ, Stagno S, **Britt WJ**, Pass RF: Progressive hearing impairment (PHI) in children with symptomatic congenital cytomegalovirus (SCC). Program Issue, APS/SPR, Pediatr Res 25:103A, Abstract #601, Washington, DC, May 1-5, 1989
  32. Stephens EB, Fletcher LH, **Britt WJ**: Characterization of the glycoprotein of feline immunodeficiency virus (FIV). The American Society for Virology 1989 Annual Meeting, University of Western Ontario, London, Ontario, Canada, July 9-13, 1989 (Presented)
  33. Spaete RR, Saxena A, Song GJ, Probert WS, Britt W, Rasmussen L, Pacht C: Human cytomegalovirus strain Towne glycoprotein B proteolytic cleavage is inhibited by the calcium-specific ionophore A23187. 14<sup>th</sup> International Herpesvirus Workshop, Copenhagen, Denmark, August 21-26, 1989 (Presented)
  34. **Britt WJ**, Gamble J, Stephens EB, Mach M: Human antibody recognition of a dominant linear epitope of human cytomegalovirus gp55-116 (gB). The 7<sup>th</sup> Cold Spring Harbor Conference on Modern Approaches to New Vaccines Including Prevention of AIDS, Cold Spring Harbor, NY, September 20-24, 1989
  35. Weber AM, Pass RF, Stagno S, **Britt WJ**, Boll TJ: Neuropsychological functioning in children with asymptomatic congenital cytomegalovirus infection. Clin Res 38:56A, 1990 (Presented at SSPR Meeting, New Orleans, LA, January 17-19, 1990)
  36. Kino T, Kern E, Britt W, Whitley R, Lakeman F: A rapid assay for cytomegalovirus antiviral sensitivity. International Society for Antiviral Research, Third International Conference on Antiviral Research, Brussels, Belgium, April 22-27, 1990
  37. **Britt WJ**, Fay J, Kneiss N, Mach M: An immunodominant linear epitope (LEp-1) on the

- major envelope glycoprotein complex (gB) of human cytomegalovirus (HCMV). VIIIth International Congress of Virology, Berlin, August 26-31, 1990
38. Radsak, K, Brucher, K, **Britt W**, Shiou, H, Kollert, A and Schneider, D: Nuclear compartmentation of glycoprotein B of human cytomegalovirus. VIIIth International Congress of Virology, Berlin, August 26-31, 1990
  39. Compton, T, Nepomuceno, R, Nowlin, DN, **Britt WJ**: Early events in HCMV infection: studies on gB and gH. 15<sup>th</sup> International Herpes Virus Workshop, Washington, D.C., August 28, 1990
  40. Leombruno, D, Coughlin, RT, **Britt WJ**, and Riggan, C: IgG and IgM to human cytomegalovirus in immunoassays with specific monoclonal antibodies. 15<sup>th</sup> International Herpes Virus Workshop, Washington, D.C., August 28, 1990
  41. Balcarek KB, **Britt WJ**, Pass RF: Viremia in congenital CMV infection. Program and Abstracts, 30<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #729, p 207, Atlanta, GA, October 21-24, 1990
  42. Fowler KB, Stagno S, Pass RF, **Britt WJ**, Alford CA: Significance of primary and recurrent maternal cytomegalovirus infection in the outcome of congenital infection. Program Issue, APS/SPR, *Pediatr Res* 29:171A, Abstract #1011, 1991 (Presented)
  43. Whitley RJ, Pass RF, Stagno SB, **Britt WJ**, Hyatt SL, Alford CA, Sommadossi JP, Gruber WC, Jacobs RF, Storch GA, Dankner WM, Spector SA, Caddell GR, Soong SJ, and the NIAID Collaborative Antiviral Study Group: Pharmacodynamic evaluation of ganciclovir (DHPG) in the treatment of symptomatic congenital cytomegalovirus (CMV) infection. Program Issue, APS/SPR, *Pediatr Res* 29:188A, Abstract #1141, 1991
  44. Spaete RR, Perot K, Scott PI, Bauer D, Lee AS, Scott PI, Bauer D, Lee A, Scott MH, Rasmussen L, **Britt WJ**, Pachi C: CMV (Towne) glycoprotein H (gH) is complexed with GRP78 and GRP94. Third International Cytomegalovirus Workshop, Bologna, Italy, June 11-14, 1991 (Presented)
  45. Stagno S, Fowler KB, Pass R, **Britt WJ**, Alford CA: The impact of primary and recurrent maternal cytomegalovirus (CMV) infection in the outcome of congenital infection. Third International Cytomegalovirus Workshop, Bologna, Italy, June 11-14, 1991 (Presented)
  46. **Britt WJ**, Vugler L: Oligomeric structures of HCMV gp55-116 (gB). Third International Cytomegalovirus Workshop, Bologna, Italy, June 11-14, 1991
  47. Urban M, **Britt WJ**, Mach M: Characterization of linear antigenic sites on glycoprotein gp86 of human cytomegalovirus. Third International Cytomegalovirus Workshop, Bologna, Italy, June 11-14, 1991 (Presented)
  48. **Britt WJ**, Vugler L: Oligomeric structures of HCMV gp55-116 (gB). Sixteenth International Herpesvirus Workshop, Pacific Grove, California, July 7-12, 1991
  49. Spaete RR, Perot K, Scott PI, Lee AS, Rasmussen L, **Britt WJ**, Pachi C: CMV (Towne) glycoprotein H (gH) is complexed with GRP78 and GRP94. Sixteenth International Herpesvirus Workshop, Pacific Grove, California, July 7-12, 1991
  50. Loh L, Balachandran N, **Britt W**: Characterization of a membrane-associated phosphoprotein (pp50) of murine cytomegalovirus. Sixteenth International Herpesvirus Workshop, Pacific Grove, California, July 7-12, 1991
  51. Boppana SB, Pass RF, **Britt WJ**, Stagno SB, Alford CA: Symptomatic congenital CMV infection: neonatal morbidity and mortality. Program and Abstracts, 31<sup>st</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #709, p 217, Chicago, IL, September 29-October 2, 1991 (Presented)
  52. Amos CS, Pass RF, Stagno S, Alford CA, **Britt WJ**, Whitley RJ. Unexpected exacerbation of retinitis after cessation of ganciclovir (DHPG) treatment of congenital CMV infection. Program and Abstracts, 31<sup>st</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #1219, p 302, Chicago, IL, September 29-October 2, 1991 (Presented)
  53. Boppana S, **Britt W**, Polis M, Koenig S: Antibody responses to CMV in HIV-1 seropositive patients with CMV retinitis. Cold Spring Harbor Laboratory Meeting, "Modern Approaches to New Vaccines Including the Prevention of AIDS", Cold Spring

- Harbor, New York, September 19-23, 1991 (Presented)
54. Boppana S, **Britt W**: CMV-specific antibody responses in children with primary asymptomatic congenital cytomegalovirus infection. Southern Society for Pediatric Research meeting, New Orleans, LA, January 29-31, 1992 (Presented)
  55. Isada NB, Johnson MP, Berry SM, Whitley R, **Britt WJ**, Holzgrave W, Evans MI: Multicompartment molecular in utero evaluation for congenital herpes simplex virus and cytomegalovirus infections by chorionic villus sampling and polymerase chain reaction. Society of Perinatal Obstetricians meeting, 1992
  56. Boppana SB, **Britt WJ**: Cytomegalovirus specific antibody response in mothers of children with asymptomatic congenital CMV infection. ASP/SPR Annual Meeting, Baltimore, Maryland, May 4-7, 1992. *Pediatr Res* 31:158A, 1992 (Presented)
  57. Boppana SB, Fowler KB, Pass RF, **Britt WJ**, Stagno S, Alford CA: Newborn findings and outcome in children with symptomatic congenital CMV infection. APS/SPR Annual Meeting, Baltimore, Maryland, May 4-7, 1992. *Pediatr Res* 31:158A, 1992 (Presented)
  58. Fowler K, McCollister F, Pass R, Dahle A, Stagno S, **Britt W**: Childhood deafness: the importance of congenital cytomegalovirus screening. Society for Epidemiologic Research 25<sup>th</sup> Annual Meeting, Minneapolis, MN, June 10-12, 1992. *Am J Epidemiol* 1992; 136:954 (Presented)
  59. Billstrom MA, **Britt WJ**: Mapping of the antigenic domains of human cytomegalovirus glycoprotein B (gB55-116) by analysis of gB deletion mutants. American Society for Virology Annual Meeting, Ithaca, New York, July 11-15, 1992
  60. Boppana SB, **Britt WJ**: Virus specific antibody responses in primary maternal cytomegalovirus infection. 17<sup>th</sup> International Herpesvirus Workshop, Edinburgh, Scotland, August 1-6, 1992
  61. Billstrom MA, **Britt WJ**: Mapping of the antigenic domains of human cytomegalovirus glycoprotein B (gp55-116) by analysis of gB deletion mutants. 17<sup>th</sup> International Herpesvirus Workshop, Edinburgh, Scotland, August 1-6, 1992
  62. Jahn G, Vornhagen R, **Britt W**, Sinzger C, Plachter B: Monoclonal antibodies directed against proteins encoded by IE-regions 1 and 2 of human cytomegalovirus. 17<sup>th</sup> International Herpesvirus Workshop, Edinburgh, Scotland, August 1-6, 1992
  63. Loh LC, **Britt WJ**: The phosphoprotein pp50 of murine cytomegalovirus is a homologue of the human cytomegalovirus UL44 gene product. 17<sup>th</sup> International Herpesvirus Workshop, Edinburgh, Scotland, August 1-6, 1992
  64. Wu Q, Ascensao J, Almeida G, **Britt WJ**, Forman S, Shanley JD: Replication of human cytomegalovirus (HCMV), Towne strain, in human umbilical vein endothelial cells. 17<sup>th</sup> International Herpesvirus Workshop, Edinburgh, Scotland, August 1-6, 1992
  65. Urban M, Winkler TH, Landini MP, **Britt WJ**, Mach M: Distribution of IgG-subclasses against glycoprotein domains of human cytomegalovirus. 17<sup>th</sup> International Herpesvirus Workshop, Edinburgh, Scotland, August 1-6, 1992
  66. Boppana S, Alford C, Whitley R, **Britt WJ**: Altered antibody responses in congenital cytomegalovirus infection treated with ganciclovir. Program & Abstracts, 32<sup>nd</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Abstract #1422, p 348, Anaheim, California, October 11-14, 1992
  67. **Britt WJ**, Mach M, Wagner B, Kropff B: Antigenic analysis of the immunodominant antibody recognition site (AD-1) of human cytomegalovirus gp55-116 (gB). 1993 Keystone Symposia, Molecular Immunology of Virus Infections, Taos, New Mexico, March 17-24, 1993
  68. **Britt WJ**, Fay J, Kensil C, Seal J: Formulation of an immunogenic HCMV subunit vaccine. Fourth International Cytomegalovirus Conference, Paris, France, April 18-21, 1993
  69. Boppana S, **Britt WJ**: Antiviral antibody responses in primary maternal cytomegalovirus infection. Fourth International Cytomegalovirus Conference, Paris, France, April 18-21, 1993
  70. Billstrom MA, **Britt WJ**: Post-oligomerization folding of human cytomegalovirus major

- envelope glycoprotein complex gB (gp55-116). Fourth International Cytomegalovirus Conference, Paris, France, April 18-21, 1993
71. Li L, **Britt WJ**: An anti-gH antibody escape mutant of cytomegalovirus. American Society for Virology 12 Annual Meeting, Davis, California, July 10-14, 1993
  72. Billstrom MA, **Britt WJ**: Post-oligomerization folding of human cytomegalovirus major envelope glycoprotein complex gB (gp55-116). American Society for Virology 12 Annual Meeting, Davis, California, July 10-14, 1993
  73. Billstrom MA, **Britt WJ**: Post-oligomerization folding of human cytomegalovirus major envelope glycoprotein complex gB (gp55-116). IXth International Congress of Virology, Glasgow, August 8-13, 1993
  74. Yoakum GH, **Britt WJ**, van Ginkle S: Human cytomegalovirus (HCMV) UL77 gene. IXth International Congress of Virology, Glasgow, August 8-13, 1993
  75. Boppana S, **Britt WJ**: Virus specific antibody responses and intrauterine transmission in primary cytomegalovirus infection. Program and Abstracts, 33<sup>rd</sup> Conference on Antimicrobial Agents and Chemotherapy, New Orleans, LA, Oct. 17-20, 1993
  76. Pass RF, Fowler KB, Stagno S, **Britt WJ**, Boppana SB, Alford CA: Gestational age at time of maternal infection and outcome of congenital cytomegalovirus infection. ASP/SPR Annual Meeting, Seattle, WA, May 2-5, 1994, *Pediatr Res* 35:191A, Abstract #1130, 1994
  77. Sullender WM, **Britt WJ**: Characterization of respiratory syncytial virus G proteins of both A and B antigenic groups expressed from recombinant baculoviruses. APS/SPR Annual Meeting, Seattle, WA, May 2-5, 1994, *Pediatr Res* 35:197A, Abstract #1169, 1994
  78. Boppana SB, **Britt WJ**: Maternal antiviral antibody response and intrauterine transmission in cytomegalovirus infection. APS/SPR Annual Meeting, Seattle, WA, May 2-5, 1994, *Pediatr Res* 35:294A, Abstract #1749, 1994
  79. Fowler KB, Dahle A, Boppana SB, Stagno S, **Britt WJ**, Pass RF: The importance of congenital cytomegalovirus infection in identifying childhood hearing impairment. APS/SPR Annual Meeting, Seattle, WA, May 2-5, 1994, *Pediatr Res* 35:296A, Abstract #1763, 1994
  80. Harrison CJ, **Britt WJ**: Pre-pregnancy immunization with the major envelope glycoprotein of guinea pig cytomegalovirus: immune responses and pregnancy outcome after first trimester primary gpCMV infection. APS/SPR Annual Meeting, Seattle, WA, May 2-5, 1994, *Pediatr Res* 35:181A, Abstract #1072, 1994
  81. Fowler KB, Dahle AJ, Boppana SB, Stagno S, **Britt WJ**, Pass RF: Identifying childhood hearing impairment: the importance of congenital cytomegalovirus infection. Society for Pediatric Epidemiologic Research 7<sup>th</sup> Annual Meeting, Miami Beach, Florida, June 14-15, 1994
  82. Carlson C, **Britt WJ**, Compton T: Expression, purification and characterization of a secreted form of the major envelope glycoprotein (gB) of human cytomegalovirus. American Society for Virology 13<sup>th</sup> Annual Meeting, Madison, WI, July 9-13, 1994
  83. Buraphacheep W, Gross J, Britt W, Sullender W: Detection of serum antibodies against respiratory syncytial virus (RSV) using baculovirus expressed RSV proteins. 34<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Orlando, FL, October 4-7, 1994
  84. Boppana SB, **Britt WJ**: Recognition of individual human cytomegalovirus (HCMV) gene products by HCMV-specific cytotoxic T cells. 34<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, Orlando, FL, October 4-7, 1994
  85. **Britt WJ**, Billstrom M: Structural requirements for intracellular transport of HCMV gB. The 19<sup>th</sup> International Herpesvirus Workshop, Vancouver, British Columbia, July 30 - August 5, 1994
  86. Li L, **Britt WJ**: Human cytomegalovirus neutralizing antibody resistant phenotype associated with decreased gH expression. The 19<sup>th</sup> International Herpesvirus Workshop, Vancouver, British Columbia, July 30 - August 5, 1994

87. Sanchez V, **Britt WJ**: Nuclear compartmentalization of HCMV pp65 (UL83). The 19<sup>th</sup> International Herpesvirus Workshop, Vancouver, British Columbia, July 30 - August 5, 1994
88. Schoppel K, **Britt WJ**, Mach M: Induction of an autoreactive immune response by glycoprotein B of human cytomegalovirus? The 19<sup>th</sup> International Herpesvirus Workshop, Vancouver, British Columbia, July 30 - August 5, 1994
89. Compton T, Carlson C, Krygiel KA, **Britt WJ**: Characterization of a soluble form of glycoprotein B (gpUL55) of human cytomegalovirus. The 19<sup>th</sup> International Herpesvirus Workshop, Vancouver, British Columbia, July 30 - August 5, 1994
90. Fish KN, **Britt WJ**, Nelson JA: Compartmentalization and cell-cell transmission of HCMV in primary macrophages. The 19<sup>th</sup> International Herpesvirus Workshop, Vancouver, British Columbia, July 30 - August 5, 1994
91. Vial PA, Farres M, Ovalle J, Forer V, Camus A, Prado P, Jimenes G, Abarca K, **Britt WJ**: Immunodetection of cytomegalovirus immediate early protein in tissue culture at 16 hours incubation: validation and comparison to conventional culture, and evaluation of normal and immunosuppressed populations. XXXII Reunion Annual de la Sociedad Latinoamericana de Investigacion Pediatrica (SLAIP), Pucon, Chile, Oct. 30 - Nov. 3, 1994
92. Pass RF, Duliege, AM, Boppana SB, **Britt WJ**, Granoff DM, Sekulovich R, Burke RL: Immunogenicity of a recombinant CMV gB vaccine. ASP/SPR Annual Meeting, Seattle, CA, May 7-11, 1995
93. Pass RF, Duliege, AM, Boppana SB, **Britt WJ**, Granoff DM, Sekulovich R, Burke RL: A phase I trial of BIOCINE CMV gB vaccine in seronegative adults. 5<sup>th</sup> International Cytomegalovirus Conference, Stockholm, Sweden, May 21-24, 1995
94. **Britt WJ**, Harrison CJ: Prevention of congenital guinea pig cytomegalovirus infection by prenatal immunization with gpCMV gB. 5<sup>th</sup> International Cytomegalovirus Conference, Stockholm, Sweden, May 21-24, 1995
95. Sullender WM, **Britt WJ**: Antigenic and immunogenic similarities among insect and mammalian cell produced G proteins of RS virus. American Society for Virology 14<sup>th</sup> Annual Meeting, Austin, TX, July 8-12, 1995
96. Sanchez V, **Britt WJ**: Characterization of HCMV pp65 (UL83) protein kinase activity. American Society for Virology 14<sup>th</sup> Annual Meeting, Austin, TX, July 8-12, 1995
97. Li L, **Britt WJ**: Variability in expression of virion envelope proteins of human cytomegalovirus. American Society for Virology 14<sup>th</sup> Annual Meeting, Austin, TX, July 8-12, 1995
98. Sullender W, **Britt WJ**: Baculovirus expressed G proteins of respiratory syncytial virus: evaluation as immunogens. 35<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, September 17-20, 1995
99. Boppana SB, Fowler KB, Stagno S, **Britt WJ**, Pass RF: CT scan findings and outcome in children with symptomatic congenital CMV infection. 35<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, September 17-20, 1995
100. Miller J, Boppana S, Fowler K, Britt W, Pass R, Stagno S: Antiviral antibodies and the development of sequelae in congenital CMV infection. 35<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, September 17-20, 1995
101. Burke RL, Duliege AM, Sekulovich R, Boppana SB, **Britt WJ**, Granoff D, Pass R: Development of CMV vaccines: the subunit approach. 35<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, September 17-20, 1995
102. Boppana SB, **Britt WJ**: Recognition of individual human cytomegalovirus (HCMV) proteins by HCMV-specific class I MHC restricted cytotoxic T cells. American Academy of Allergy Asthma and Immunology 1996 International Conference, New Orleans, LA, March 15-20, 1996
103. **Britt WJ**, Mach M: Acquisition of native antigenicity of human cytomegalovirus gB is dependent on initial conformational changes in AD-1. Xth International Congress of Virology, Jerusalem, Israel, August 11-16, 1996

104. Britt W, Mach M: A conformational change in the AD-1 region precedes oligomerization and folding of HCMV gB. 21<sup>st</sup> Herpesvirus Workshop, DeKalb, Illinois, July 27 - August 2, 1996
105. Li L, **Britt W**: HCMV gH is complexed with gL and a third glycoprotein in the envelope of extracellular virions. 21<sup>st</sup> Herpesvirus Workshop, DeKalb, Illinois, July 27 - August 2, 1996
106. Sanchez V, Greis K, Akimoto Y, **Britt WJ**: Assembly of HCMV tegument occurs in different cellular compartments. 21<sup>st</sup> Herpesvirus Workshop, DeKalb, Illinois, July 27 - August 2, 1996
107. Harrison CJ, Bewtra C, Chatterjee A, **Britt WJ**: Placental injury during primary maternal cytomegalovirus infection in the guinea pig model. IDSA 34<sup>th</sup> Annual Meeting, New Orleans, LA, September 18-20, 1996
108. Boppana S, Fowler K, **Britt WJ**, Pass R: Maternal immunity and symptomatic congenital CMV infection. IDSA 34<sup>th</sup> Annual Meeting, New Orleans, LA, September 18-20, 1996
109. Boppana S, Fowler K, **Britt WJ**, Stagno S, Pass R: Maternal immunity and symptomatic congenital CMV infection. First World Congress of Pediatric Infectious Diseases, Acapulco, Mexico, December 4-7, 1996
110. Buraphacheep W, **Britt WJ**, Sullender WM: Detection of antibodies to RSV attachment and nucleocapsid proteins using recombinant baculovirus expressed antigens. RSV After 40 Years: An Anniversary Symposium, Charleston, SC, November 9-12, 1996
111. Li L, **Britt WJ**: The envelope gCIII complex of HCMV contains both covalently and non-covalently linked gH. 6<sup>th</sup> International Cytomegalovirus Workshop, Orange Beach, AL, March 5-9, 1997
112. Bidanset DJ, **Britt WJ**, Gillespie Y, Kern ER: Replication of human cytomegalovirus in normal human astrocytes and glioma cells. 6<sup>th</sup> International Cytomegalovirus Workshop, Orange Beach, AL, March 5-9, 1997
113. Harrison CJ, **Britt WJ**: Modified disease in mothers and pups after passive guinea pig CMV glycoprotein B antibody administration during primary maternal gestational guinea pig CMV infection. 6<sup>th</sup> International Cytomegalovirus Workshop, Orange Beach, AL, March 5-9, 1997
114. Pass RF, Duliege AM, Sekulovich R, Boppana S, Percell S, Hirabayashi S, **Britt WJ**, Burke RL: Antibody response to a fourth dose of CMV gB in healthy adults. 6<sup>th</sup> International Cytomegalovirus Workshop, Orange Beach, AL, March 5-9, 1997
115. Boppana S, Fowler K, Pass R, Mach M, **Britt WJ**: Strain specific immune responses and intrauterine transmission of HCMV in immune mothers. 6<sup>th</sup> International Cytomegalovirus Workshop, Orange Beach, AL, March 5-9, 1997
116. Sanchez V, Angeletti PC, Engler JA, **Britt WJ**: Localization of human cytomegalovirus structural proteins to the nuclear matrix of infected human fibroblasts. 6<sup>th</sup> International Cytomegalovirus Workshop, Orange Beach, AL, March 5-9, 1997
117. Bidanset DJ, Rybak RJ, Hartline CB, **Britt WJ**, Faye-Petersen O, Del Cerro M, Lazar ES, Kern ER: Replication of human cytomegalovirus in SCID-hu retinal tissue implants: a model for evaluation of antiviral therapy. Tenth International Conference on Antiviral Research, Atlanta, GA, April 6-11, 1997
118. Boppana S, Fowler K, Pass R, Mach M, **Britt WJ**: Strain-specific immune responses and intrauterine transmission of HCMV in seropositive women. 22<sup>nd</sup> International Herpesvirus Workshop, La Jolla, CA, August 2-8, 1997
119. Barry PA, **Britt WJ**, Kravitz, RH, Tarantal AF: Developmental susceptibility of the fetal brain to rhesus cytomegalovirus infection. 22<sup>nd</sup> International Herpesvirus Workshop, La Jolla, CA, August 2-8, 1997
120. Chatterjee A, Harrison CJ, Bewtra C, **Britt W**: Effects of primary maternal CMV infection on early pregnancy and the immature placenta in guinea pigs. IDSA 35<sup>th</sup> Annual Meeting, San Francisco, CA, September 13-16, 1997
121. **Britt WJ**: Virus specific immunity and invasive HCMV infection in patients with AIDS. 5<sup>th</sup>

- Conference on Retroviruses and Opportunistic Infections, Chicago, IL, February 1-5, 1998
122. Chatterjee A, Harrison CJ, Bewtra C, **Britt W**: Immunomodification of primary maternal CMV by passive antibody transfer in guinea pigs. APS/SPR Annual Meeting, New Orleans, LA, May 1-5, 1998
  123. Boppana S, Yoo C, Weston P, **Britt W**, Posnett D: T cell receptor repertoire in congenital cytomegalovirus infection. APS/SPR Annual Meeting, New Orleans, LA, May 1-5, 1998
  124. Sanchez V, **Britt WJ**: Localization of HCMV tegument proteins to cytoplasmic vacuoles. Twenty-third International Herpesvirus Workshop, York, U.K., August 1-7, 1998
  125. Jarvis MA, Wang CE, Meyers HL, Smith PP, **Britt WJ**, Vieira J, Nelson JA: Human cytomegalovirus infection of Caco-2 epithelial cells is productive, occurs basolaterally and is differentiation-state dependent. Twenty-third International Herpesvirus Workshop, York, U.K., August 1-7, 1998
  126. Boppana SB, Pass RF, **Britt WJ**: Cell-mediated immune responses and cytokine profiles in congenital CMV infection. 38<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, September 24-27, 1998
  127. Boppana S, Fowler K, Rivera L, James V, Pass R, **Britt W**: Virus burden in infancy as a predictor of outcome in congenital CMV infection. 7<sup>th</sup> International Cytomegalovirus Workshop, Brighton, United Kingdom, April 28 - May 2, 1999
  128. Boppana SB, Fowler KB, Rivera L, James VG, Pass RF, **Britt WJ**: Virus burden measurement in early infancy and outcome in congenital CMV infection. APS/SPR Annual Meeting, San Francisco, CA, May 1-4, 1999
  129. Chatterjee A, Harrison CJ, **Britt WJ**, Li O, Bewtra C: Immunization with hyperimmune anti-gB serum prevents congenital CMV in guinea pigs. APS/SPR Annual Meeting, San Francisco, CA, May 1-4, 1999
  130. Fowler KB, Pass RF, Boppana SB, **Britt WJ**: Neurodevelopmental deficits in school-aged children who have asymptomatic congenital cytomegalovirus (CMV) infection. APS/SPR Annual Meeting, San Francisco, CA, May 1-4, 1999
  131. Fowler KB, Pass RF, Boppana SB, **Britt WJ**: Neurodevelopmental deficits in school-aged children who have asymptomatic congenital cytomegalovirus (CMV) infection. Society for Perinatal and Pediatric Epidemiologic Research Annual Meeting, Baltimore, MD, June 8-9, 1999
  132. Sanchez V, Sztul E, **Britt WJ**: Localization of tegument and envelope proteins of human cytomegalovirus during productive infection to cytoplasmic structures derived from the ERGIC. A Cell Biology Approach to Microbial Pathogens, Portland, OR, April 25-28, 1999
  133. Jarvis MA, Henderson GJ, Meyers HL, Molloy SS, **Britt WJ**, Nelson JA: Human Cytomegalovirus Glycoprotein B is Cleaved in the *Trans*-Golgi Network of U373 Cells. 24<sup>th</sup> International Herpesvirus Workshop, Boston/Cambridge, MA, July 17-23 1999
  134. Boppana SB, Rivera LB, Fowler KB, Yang J, Mach M, **Britt WJ**: Intrauterine Transmission of HCMV in Women with Preexisting Immunity: Role of Maternal Reinfection. 25<sup>th</sup> International Herpesvirus Workshop, Portland, Oregon, July 29-Aug 4, 2000
  135. Sequer G, Yue Y, Lockridge K, **Britt WJ**, Barry P: Immunological Parameters Associated with RhCMV Disease in SIV Infected Macaques. 25<sup>th</sup> International Herpesvirus Workshop, Portland, Oregon, July 29-Aug 4, 2000
  136. Mach M, Kropff B, Dal Monte P, **Britt WJ**: Complex Formation of Glycoprotein M (gpUL100) of HCMV. 25<sup>th</sup> International Herpesvirus Workshop, Portland, Oregon, July 29-Aug 4, 2000
  137. **Britt WJ**, Boppana S.: Maternal Immunity Provides Incomplete Protection from Severe Cogenital Cytomegalovirus Infection. VII International Congress of Reproductive Immunology, Opatija, Croatia, July 2-6, 2001

138. Golemac M, Cicin-Sain L, Bralic M, Tomac J, Pernjak Pugel E, **Britt WJ**, Jonic S: Antiviral Antibodies Reduce the Cytomegalovirus Infection of the Brain. VII International Congress of Reproductive Immunology, Opatija, Croatia, July 2-6, 2001
139. Pignatelli S, Dal Monte P, Rawlinson W, Mach M, **Britt WJ** and Landini MP: Description of the GPUL73(GN) Genomic Variants and Genotype Frequencies in Human Cytomegalovirus (HCMV) Strains from Different Geographical Regions. 26<sup>th</sup> International Herpesvirus Workshop, Regensburg, Germany, July 28-August 3, 2001.
140. Boppana SB, Shimamura M, **Britt WJ**, Pass RF, Fowler KB. Congenital CMV infection following a non-primary maternal infection. 3<sup>rd</sup> World Congress of Pediatric Infectious Diseases – WSPID, Santiago, Chile, November 19-23, 2002
141. Netterwald JR, CcCrone IP, Jones T, **Britt WJ**, Zhu H. Fusion ins required for induction of interferon-stimulated genes by human cytomegalovirus, 28<sup>th</sup> International Herpesvirus Workshop, Madison, Wisconsin, July 26-31, 2003.
142. Jarvis MA, Borton JA, Drummond DD, Wagner M, Smith I, Han G, **Britt WJ**, Koszinowski UH, Nelson JA. Cloning and characterization of a macrophage and endothelial tropic human cytomegalovirus (HCMV) clinical isolate, 28<sup>th</sup> International Herpesvirus Workshop, Madison, Wisconsin, July 26-31, 2003.
143. Streblow DN, Varnum S, Hall L, Smith P, Shenk T, **Britt WJ**, Camp D, Smith D, Nelson JA. Relative viral and cellular protein composition of the AD169 HCMV proteome, 28<sup>th</sup> International Herpesvirus Workshop, Madison, Wisconsin, July 26-31, 2003.
144. Streblow DN, Varnum S, Smith P, Shenk T, **Britt WJ**, Camp D, Smith R, Nelson J. Relative viral and cellular protein composition of AD169 HCMV dense bodies, 29<sup>th</sup> International Herpesvirus Workshop, Reno, Nevada, July 25 – 30, 2004.
145. Ashrith G, Novak Z, Sallie B, **Britt WJ**, Fowler K, Boppana S. Dried blood spot PCR to screen newborns for congenital CMV infection, 29<sup>th</sup> International Herpesvirus Workshop, Reno, Nevada, July 25 – 30, 2004.
146. Prichard MN, Williams AD, Hartline CV, **Britt WJ**, Kern, ER. Use of clustering algorithms to relate phenotypic data to antiviral chemotypic data, 29<sup>th</sup> International Herpesvirus Workshop, Reno, Nevada, July 25- 30, 2004.
147. Seo J, **Britt WJ**. Identification of functional domains within human cytomegalovirus UL99-encoded PP28 responsible for trafficking and assembly of infectious virus, 29<sup>th</sup> International Herpesvirus Workshop, Reno, Nevada, July 25-30, 2004.
148. **Ross SA**, Fowler KB, Ashrith G, Pass RF, Britt WJ, Stagno S, and Boppana S. Hearing loss in children with congenital cytomegalovirus infection born to mothers with preexisting immunity. (abstract). Society for Pediatric Research, May 2004. San Francisco, CA.
149. Keech AM, Smith JR, Drummond DD, **Britt WJ**, Nelson JA, Rosenbaum JT, Jarvis MA. HCMV-mediated global suppression of pro-inflammatory signaling pathways as a novel mechanism of virus persistence, 30<sup>th</sup> International Herpesvirus Workshop, Turku, Finland, July 30 – August 4, 2005.
150. Seo J, **Britt WJ**. Morphological alterations of cellular secretory system by human cytomegalovirus. 45<sup>th</sup> Annual Meeting, American Society for Cell Biology, San Francisco, California, December 10 – 14, 2005.
151. Koontz T, Bantug G, Bralic M, Pugel E, Tomac J, Bubic I, Jonjic S, **Britt WJ**. MCMV infection of the developing brain leads to altered cerebellar development. 31<sup>st</sup> Annual International Herpesvirus Workshop, July 22-28, 2006, Seattle, Washington.
152. Krzyzaniak M, **Britt WJ**, Tail of the glycoprotein gM is indispensable for the virus viability Magdalena Krzyzaniak, Microbiology Retreat November 2006.
153. Koontz T; Bantug GR; Jonjic S; **Britt WJ**, Murine Cytomegalovirus infection induces a complex innate immune response and impairs expression of HOXA5 in the developing hindbrain.
154. Krzyzaniak M, Mach M, **Britt WJ** Universitätsklinikum Erlangen, Virologisches Institut, Erlangen, Germany, Cytoplasmic Tail of the Glycoprotein M (gpUL100) Expresses Trafficking Signals Required for HCMV Assembly and Replication. 2007



155. Bradford RD, Bantug GB, Koontz TB, Golemac M, Jonic S, and **Britt WJ**. Possible role for cell-free virus in dissemination of CMV to the developing CNS. 11<sup>th</sup> International CMV Workshop, May 2007, Toulouse, France.
156. Bantug G, Cekinovic D, Bradford RD, Koontz TB, Jonic S, and **Britt WJ**. CD8+ T-cells mediate MCMV clearance from the newborn CNS. 11<sup>th</sup> International CMV Workshop, May 2007, Toulouse, France.
157. Novak Z, **Ross SA**, Patro RK, Pati S, Vellanki H, Guha A, Rivera LB, Fowler KB, Britt WJ, and Boppana S. Frequency of cytomegalovirus reinfections in seropositive women (abstract). 11<sup>th</sup> International CMV and Betaherpes virus workshop, May, 2007. Toulouse, France.
158. Seo JY, **Britt WJ**, Multimerization of Human Cytomegalovirus Tegument Protein pp28 within the Virus Assembly Compartment is Required for Cytoplasmic Envelopment of Infectious Virus, Gordon Conference, New Hampshire, June 3-8, 2007.
159. Masako Shimamura M, **Britt WJ**. "Cytomegalovirus mediates Transforming Growth Factor- $\beta$ 1 auto-induction via proteases," International Herpes Workshop, July 7-12, 2007 Asheville NC.
160. Smith PD, Shimamura M, Musgrove L, Novak L, Clements RH, **Britt WJ**, Smythies LE. "Differentiation of Blood Monocytes into Intestinal Macrophage-like Cells is Blocked by Cytomegalovirus (CMV): Mechanism for CMV Exacerbation of Inflammatory Bowel Disease (IBD)." IBD Think Tank, Nov. 12-15, 2007, Stockholm, Sweden.
161. **Britt WJ**, Maternal chronic viral infections transmitted to the infants: from mechanisms to prevention and care. Dominique Dormont International conference Paris, December 2007.
162. Bantug GR, **Britt WJ**, The role of CCR5 in host defense against murine Cytomegalovirus infection of the newborn brain. International Neuroimmunology Symposium, Ireland March 2008.
163. Bradford RD, Bantug GB, Jonic S, and Britt WJ. CD4+ T-cells are essential for the survival of animals with CMV infection of the developing CNS. 2008 Joint Meeting of the Pediatric Academic Societies and the Asian Society for Pediatric Research, May 2008, Honolulu, Hawaii.
164. Bradford RD, Bantug GB, Jonic S, and Britt WJ. Serum levels of chemokines MCP-1, KC, G-CSF and RANTES are elevated in newborn mice with CNS cytomegalovirus infection. 2008 Joint Meeting of the Pediatric Academic Societies and the Asian Society for Pediatric Research, May 2008, Honolulu, Hawaii.
165. **Ross SA**, Novak Z, Fowler KB, Arora N, Britt WJ, Boppana SB. Blood viral load in infancy and early childhood is a poor positive predictor of hearing loss in congenital CMV infection. 33<sup>rd</sup> International Herpesvirus Workshop, Estoril, Portugal, July 27-August 1, 2008.
166. Arora N, Novak Z, **Ross SA**, Reddy M, Fowler KB, Britt WJ, Boppana SB. Occurrence of CMV reinfections with new virus strains is frequent in seroimmune women. 33<sup>rd</sup> International Herpesvirus Workshop, Estoril, Portugal, July 27-August 1, 2008.
167. Indran S, Ballestas M, **Britt WJ**, HCMV Tegument Protein pp150 Interacts with the Rab6 Effector Protein Bicaudal D1. International Herpesvirus Workshop, Estoril Portugal, August 2008.
168. **Ross SA**, Novak Z, Reddy M, Britt WJ, Boppana SB. A novel ELISA method to detect strain-specific CMV antibodies. 48<sup>th</sup> Annual ICAAD/IDSA 46<sup>th</sup> Annual Meeting (joint), Washington, DC, Oct 25-28, 2008.
169. Arora N, **Ross S**, Novak Z, Fowler K, Britt W, Boppana S. Viruria and DNAemia in Healthy women with and without *Cytomegalovirus* reinfections. 48<sup>th</sup> Annual ICAAD/IDSA 46<sup>th</sup> Annual Meeting (joint), Washington, DC, Oct 25-28, 2008.
170. Bradford RD, Bantug GB, Jonic S, and Britt WJ. Hearing loss in a murine model of CMV infection of the developing brain. 2008 Congenital CMV Conference, Nov 2008, CDC, Atlanta, Georgia.

171. **Britt WJ**, Determinants of maternal infection associated with virus infection of the fetus and newborn infant. *Retrovirology*, 2008.
172. Krzyzaniak M, **Britt WJ**. HCMV glycoprotein gM interacts with Rab11 effector protein FIP4. International Herpesvirus Workshop, Estoril Portugal, August 2008.
173. Boppana S, **Ross S**, Novak Z, Shimamura M, Britt W, Tolan R, Palmer A, Ahmed A, Michaels M, Sanchez P, Bernstein D, Fowler K. Evaluation of dried blood spot PCR in screening newborns for congenital CMV infection. 12<sup>th</sup> International CMV/BetaHerpesvirus Workshop, Boston, MA, May 10-14, 2009.
174. Fowler KB, **Ross S**, Shimamura M, Tolan R, Ahmed A, Palmer A, Michaels M, Bernstein D, Sanchez P, Britt W, Boppana S. Prevalence of congenital cytomegalovirus (CMV) infection: interim findings of the NIDCD Multicenter CHIMES Study. 12<sup>th</sup> International CMV/BetaHerpesvirus Workshop, Boston, MA, May 10-14, 2009.
174. **Ross S**, Danthuluri VR, Novak Z, Blumenthal J, Arora N, Fowler K, Britt W, Boppana S. Cytomegalovirus strain diversity and infection with multiple strains in congenitally infected infants. 12<sup>th</sup> International CMV/BetaHerpesvirus Workshop, Boston, MA, May 0-14, 2009.
175. Murine Cytomegalovirus Accelerates Allograft Fibrosis in a Murine Renal Transplantation Model, Saunders U, Shimamura M, **Britt WJ**, Boston, Massachusetts June 3, 2009.
176. Bradford RD, Bantug GB, **Britt WJ**. Hearing loss in a murine model of CMV infection of the developing brain. 47<sup>th</sup> Annual Meeting of IDSA, Oct 2009, Philadelphia, Pennsylvania.
177. Bradford RD, Bantug GB, **Britt WJ**. A novel murine model of congenital cytomegalovirus-associated hearing loss. CHRC annual retreat, Sept 2009, Seattle, Washington.
178. Bradford RD, Bantug GB, Jonjic S, **Britt WJ**. Hearing loss in a murine model of CMV infection of the developing brain. 35<sup>th</sup> Annual International Herpesvirus Workshop, July 2010, Salt Lake City, Utah.
179. Bradford RD, Bantug GB, Jonjic S, **Britt WJ**. Hearing loss and sensorimotor Coordination abnormalities in a murine model of CMV infection. 3<sup>rd</sup> Congenital CMV Conference, Sept 2010, Paris, France.
180. Hook,L, Grey, F, Tirabassi,R, Hancock,M, Landais,I, Jeng, S, McWeeney,S, Grabski,R, **Britt**, W, Nelson, J. Multiple Human Cytomegalovirus-Encoded miRNAs Target the Endocytic Pathway to Form the Viral Assembly Compartment for Efficient Production of Infectious Virus.. 37<sup>th</sup> International Herpesvirus Workshop, July 2012, Calgary, Alberta.
181. Grabski, R, Britt, W. Analysis of pUL71 interactome, its role in tegumentation, and secondary envelopment of HCMV. 39th International Herpesvirus Workshop Grand Rapids, Mich. July,,2013.
182. Rebmann, G. Michael, **William Britt**. Phosphorylation of Grasp55 and Grasp65 Facilitates Golgi Fragmentation and Human Cytomegalovirus Assembly Compartment Formation. 38<sup>th</sup> International Herpesvirus Workshop. 2013.
183. Shimamura M., Guo L., George J.F., Schoeb, T.R., **Britt W.J.** "NK Depletion Unlinks Renal Allograft Injury from Viral Load in a Murine Transplant Model." *American Journal of Transplantation*. 2013; 13(S5): 189.
184. Grabski, R, **Britt, WJ**. Specific targeting/cellular localization of HCMV tegument protein pUL71 plays a critical role in production of infectious virus particles. *American Society for Cell Biology*, Dec. 2014, Philadelphia, Pa.
185. Pinninti S, Rodgers M, Novak Z, **Britt W**, Fowler K, Boppana S, Ross S. Predictors of sensorineural hearing loss (SNHL) and neurodevelopmental outcome in infants with symptomatic congenital cytomegalovirus (cCMV) infection. The 5<sup>th</sup> Congenital CMV Conference and 15<sup>th</sup> International CMV/BetaHerpesvirus Workshop, Brisbane, Australia, April 20-24, 2015.
186. Renzette , Pokalyuk,C, Gibson,L, Bhattacharjee, B, Schleiss, M, Hamprecht, K, Yamamoto , A , Mussi-Pinhata, M, **Britt, W**, Jensen, J, Kowalik, T. The Limits and

- Patterns of Cytomegalovirus Genetic Diversity in Humans. 40th International Herpesvirus Workshop. Boise, Idaho, July 25, 2015.
187. Grabski, R, Ballestas, M, **Britt, W.J.**; Specific targeting/cellular localization of HCMV tegument protein pUL71 reveals its new function in assembly of the virus. 40th International Herpesvirus Workshop. Boise, Idaho, July 25, 2015.
  188. Pokalyuk, C, Renzette, N, Gibson, L, **Britt, W.**, Yamamoto, A, Mussi-Pinhata, M, Jensen, J, Kowalik, T. A population genetics approach that reveals human cytomegalovirus reinfections in congenitally infected infants. 40th International Herpesvirus Workshop. Boise, Idaho, July 25, 2015.
  189. Xiao-Jun Li, XJ, Liu, XJ, Yang, B, Fu, YR, Zhao, F, Shen, ZZ, Miao, LF, Rayner, S, Chavanas, S, Zhu, H, **Britt, W.**, Tang, Q, McVoy, M, Luo, MH. Human Cytomegalovirus Infection Dysregulates the Localization and Stability of NICD1 and Jag1 in Neural Progenitor Cells. 40th International Herpesvirus Workshop. Boise, Idaho, July 25, 2015.
  190. Mikell, I, Crawford, L, Hook, L, Hancock, M, **Britt, W.**, Nelson, J. Investigating a novel mechanism of immune evasion through HCMV miRNAs regulation of MHC recycling to the plasma membrane. 40th International Herpesvirus Workshop. Boise, Idaho, July 25, 2015.
  191. Sanchez, V, Tirabassi, R, Mikell, I, Grabski, R, Nelson, J, **Britt, W.** HCMV miRNAs Target Cellular Components of Actin Remodeling Pathways Including the Rho GTPase Cdc42. 40th International Herpesvirus Workshop. Boise, Idaho, July 25, 2015.
  192. Li, G, Nguyen, C, Ryckman, B, **Britt, W.**, Kamil, J. A Viral Regulator of Glycoprotein Complexes Contributes to Human Cytomegalovirus Cell Tropism. 40th International Herpesvirus Workshop. Boise, Idaho, July 25, 2015.
  193. Dennis, EA, Smythies, L, Shimamura, M, Britt, W, Smith, PD. Human Cytomegalovirus Potentiates inflammation in the gastrointestinal track. International Congress for Mucosal Immunology (ICMI)-(July 2015 Berlin, Germany).
  194. RhCMV-encoded miRNAs modulate cellular vesicular transport and MHC-E localization in infected cells" Authors: Iliyana Mikell, Meaghan Hancock, Rebecca Skalsky, William Britt, Louis Picker, and Jay Nelson Meeting: International Herpesvirus Workshop, July 2016, Madison, Wisconsin
  195. Cytomegalovirus (CMV) shedding in seropositive pregnant women – Finding from the Brazilian Cytomegalovirus Hearing and Secondary Infection Cohort Study (BraCHS). Barbosa, NG, Yamamoto, AY, Duarte, G, Boppana, S, Fowler, K, Britt, WJ, Mussi-Pinhata, M CMV Public Health & Policy Conference; September 26-27, 2016 (Austin, TX)
  196. Correlates for Cytomegalovirus (CMV) shedding in seropositive pregnant women from a high seroprevalence population (BRACHS Study) Nayara G Barbosa, Aparecida Y Yamamoto, Geraldo Duarte, Karen Fowler, Suresh Boppana, William J Britt, Marisa M. Mussi-Pinhata. 16th Annual CMV/beta-Herpesvirus Conference, April, 2017, Netherlands.
  197. CMV in the Developing Mouse Cochlea and Hearing Loss, Yea Won Sung, Cathy; Hirose, Keiko; Jonjic, Stipan; Britt, William. 16th Annual CMV/beta-Herpesvirus Conference, April 2017 Netherlands.
  198. Congenital MCMV infection is associated with Sensorineural Hearing Loss (SNHL) Cathy Yea Won Sung<sup>1</sup>, Mao Li<sup>2</sup>, Stipan Jonjic<sup>5</sup> and William Britt<sup>1,2,3</sup> <sup>1</sup>Department of Microbiology, <sup>2</sup>Department of Pediatrics Infectious Disease, <sup>3</sup>Department of Neurobiology, University GBS poster presentation August 4, 2017.
  199. Sung Y.W. and **Britt W.J.**, Congenital cytomegalovirus infection is associated with sensorineural hearing loss (SNHL) by alteration of cochlear structures. UAB Microbiology Retreat. (2017) Oral Presentation
  200. Hui Wu, Veronica Sanchez, Mary Ballestas, Michael Mach, **William J Britt** \*. HCMV Envelope Protein gpUL132 Controls Viral Production through Efficient Viral AC Formation. Viruses 2018 - Breakthroughs in Viral Replication (Viruses-2018) 7–9

February 2018 • Barcelona

201. Sung Y.W., Hirose K., Jonjic S., **Britt W.J.**, Congenital CMV infection is associated with sensorineural hearing loss (SNHL). 2018. Association for Research in Otolaryngology (ARO) February 2018 Mid Winter Meeting (San Diego, CA), Poster Presentation
202. Wu H, Mach M, **Britt WJ**. HCMV envelope protein gpUL132 controls viral production through efficient viral assembly compartment formation. UAB Microbiology Retreat November 2018. Oral Presentation.
203. Sung Y.W., **Britt WJ**. Dysregulation of Cerebellar Granule Neuron Precursor Cell (GNPC) Proliferation upon Cytomegalovirus Infection in Newborn Mice, UAB Microbiology Retreat, November 2018. Oral Presentation.
204. Sung Y.W., **Britt WJ**, Cytomegalovirus in newborn mice leads to delayed auditory development and early loss in spiral ganglion neurons. 2019. ARO. Poster Presentation (Baltimore, MD).
205. Sung Y.W., **Britt WJ**, Cytomegalovirus in newborn mice leads to delayed auditory development and early loss in spiral ganglion neurons. April 2019. CMV Conference. Presentation (Birmingham, AL)
206. Wu, Hui HCMV envelope protein gpUL132 controls viral production through efficient viral AC formation CMV Conference. Oral Presentation (Birmingham, AL) April 2019.

The University of Alabama at Birmingham is committed to the development and success of outstanding postdoctoral scientists. Here at UAB, almost 300 postdocs are training currently in a variety of disciplines, including but not limited to engineering, medicine, natural sciences & mathematics, public health, and optometry. The UAB Office of Postdoctoral Education and the UAB Postdoc Association work together to develop career opportunities that enhance and define the training experience for all postdoctoral. Funding is a key part of postdoctoral training and research, and there are many funding sources that include government, associations, and the private sector. Professional Development. Postdocs have a variety of career options available to them once they've completed their training at the Icahn School of Medicine at Mount Sinai (ISMMS). In addition to a number of workshops and seminars. Postdoc Life.