

Timothy H. Burgess, M.D., M.P.H., F.A.C.P.

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Education

M.P.H., Uniformed Services University of the Health Sciences, Bethesda, MD	1999-2000
Fellowship, Infectious Diseases, National Capital Consortium, Bethesda, MD	1997-1999
Residency, Internal Medicine, National Naval Medical Center, Bethesda, MD	1994-1997
M.D., Indiana University School of Medicine, Indianapolis, IN	1990-1994
B.S. in Chemistry, U.S. Naval Academy, Annapolis, MD	1986-1990

Current Position

Professor, Department of Preventive Medicine & Biostatistics, Uniformed Services University, Hebert School of Medicine Bethesda, MD	Beginning Aug 29, 2022
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Professional Experience

Director, Infectious Disease Clinical Research Program Uniformed Services University, Hebert School of Medicine Bethesda, MD	2016-2022
Specialty Leader for Infectious Diseases, U.S. Navy Bureau of Medicine Chief, Infectious Diseases Service, Walter Reed National Military Medical Center, Bethesda, MD	2016-2020 2012-2016
Deputy Director, Infectious Diseases Clinical Research Program Chief, Viral and Rickettsial Diseases Department, Naval Medical Research Center, Silver Spring, MD	2010-2012 2008-2010
Director, Viral Diseases Program, Naval Medical Research Unit #2, Jakarta Indonesia	2006-2008
Consultant in Infectious Diseases, Medical Unit, U.S. Embassy, Jakarta	2006-2008
Deputy Chief, Viral Diseases Department, Naval Medical Research Center	2005-2006
Flavivirus Research Steering Committee, Military Infectious Diseases Research Program, Silver Spring, MD	2002-2010
Principal Investigator, Naval Medical Research Center, Silver Spring, MD	2000-2006
Program Manager, Dengue Immunogenicity Assay Product Development Plan, Military Infectious Diseases Research Program, Silver Spring, MD	2005-2006
Associate Program Director, Infectious Diseases Fellowship, National Capital Consortium	2004-2005
Member, Institutional Review Board, Naval Medical Research Center, Silver Spring, MD	2002-2004
Head, Immunology Section, Viral Diseases Department, Naval Medical Research Center, Silver Spring, MD	2001-2005
Chair, Immunology Working Group, Flavivirus Vaccine Development, Military Infectious Diseases Research Program, Silver Spring, MD	2001-2004

Academic Appointments

Associate Professor Departments of Preventive Medicine & Biostatistics and Medicine, Interdisciplinary Program in Emerging Infectious Diseases Uniformed Services University, Bethesda, MD	2018-2022
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Assistant Professor 2004-2018
Department of Medicine, Interdisciplinary Program in Emerging Infectious
Diseases, Uniformed Services University, Bethesda, MD

Certification and Licensure

Diplomate, American Board of Internal Medicine 1997
Subspecialty Certification, Infectious Diseases 1999
Certificate in Tropical Medicine and Travelers' Health, American
Society of Tropical Medicine and Hygiene 2000
Indiana State Medical License 1996

Professional Memberships and Activities

Fellow, American College of Physicians 2018-
Member, American College of Physicians 1994-
Member, Infectious Diseases Society of America 1998-
Member, American Society of Tropical Medicine and Hygiene 2000-
Member, American Society for Microbiology 2002-

Reviewer, *Journal of Virology* 2003
Reviewer, *Vaccine* 2004
Reviewer, *FEMS Immunology and Microbiology* 2005
Reviewer, *Am J Trop Med Hyg* 2007
Reviewer, *PLoS Medicine* 2007
Reviewer, *PLoS Neglected Tropical Diseases* 2011
Reviewer, *Clinical Infectious Diseases* 2013
Reviewer, *PLoS One* 2014

Honors and Awards

Elected to Alpha Omega Alpha Honor Medical Society 1992
E. B. Rinker Scholarship for Academic Excellence, Indiana University 1992-1993
John B. Hickam Award for Internal Medicine, Indiana University 1994
Research Program in Academic Medicine, Indiana University 1991-1994
Outstanding clinical vignette, American College of Physicians Annual Session 1996
James Curtin Award, District of Columbia Chapter, American College of
Physicians 1997
Navy and Marine Corps Achievement Medal 1997
Fellow Abstract Award, Infectious Diseases Society of America annual meeting 1998
Elected to Delta Omega Public Health Honor Society 2000
Letter of Commendation from RADM J. F. Eisold, Attending Physician, U.S.
Capitol 2001
Navy and Marine Corps Commendation Medal 2002
Junior Officer of the Year, Naval Medical Research Center 2003
Navy and Marine Corps Commendation Medal (Gold Star in lieu of 2nd award) 2004
Meritorious Service Medal, U. S. Navy 2006
Air Force Achievement Medal 2008
Navy and Marine Corps Commendation Medal (Gold Star in lieu of 3rd award) 2008
Navy and Marine Corps Commendation Medal (Gold Star in lieu of 4th award) 2011
Navy and Marine Corps Commendation Medal (Gold Star in lieu of 5th award) 2011
Defense Meritorious Service Medal 2012

Committee Assignments and Administrative Services

- DoD representative, NIH COVID-19 Treatment Guidelines Panel 2020-2022
- Member, Forum on Microbial Threats, National Academy of Medicine 2017-2020

- Member, Antimicrobial Drugs Advisory Committee, Food and Drug Administration 2018-
- Member, Search Committee for Chair of Microbiology, Uniformed Services University 2017
- Member, Search Committee, Assistant Vice President for Research, Uniformed Services University 2016
- Vice Chair, Institutional Review Board, Naval Medical Research Unit #2, Jakarta, Indonesia 2007-2008
- Member, Avian Influenza Working Group, U.S. Embassy, Jakarta 2006-2008
- Invited Reviewer, Ad Hoc Review Committee, Middle Atlantic Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research 2005-2006
- Invited Chair, Flavivirus Session V, American Society for Tropical Medicine and Hygiene 54th Annual Meeting, Dec. 11-15, 2005, Washington, DC 2005
- Invited Reviewer, Joint Science and Technology Office, Chemical and Biological Defense, Defense Threat Reduction Agency 2005-2006
- Research Coordinator, Department of Infectious Diseases, National Naval Medical Center, Bethesda, MD 2004-2005
- Medical monitor, WRAIR study MAL027: "Double-blind randomized phase I/IIa human challenge study, to evaluate the safety, reactogenicity, immunogenicity, and preliminary efficacy after primary sporozoite challenge and rechallenge, of GSK Biologicals' candidate malaria vaccines containing the antigen RTS,S adjuvanted with either AS02A or AS01B and administered intramuscularly at months 0, 1, 2 in healthy malaria-naïve volunteers aged 18 - 45 years." 2003-2006
- Interviewer, Admissions Committee, Uniformed Services University F. Edward Hebert School of Medicine 2003-
- Medical Monitor, NMRC study DoD #30598: "Plasmodium sp. sporozoites immunization of human volunteers." 2002-2006

Grant and contract awards

- Principal Investigator, Epidemiology, Immunology and Clinical Characteristics observational studies of SARS-CoV-2; Defense Health Program.
- Principal Investigator, Clinical trials for evaluation of therapeutic agents for SARS-CoV-2 infection. Defense Health Program.
- Principal Investigator, institutional Cooperative Research and Development Agreement supporting U.S. Department of Defense clinical site participation in a "Phase III Double-blind, Placebo-controlled Study of AZD7442 for Post-Exposure Prophylaxis of COVID-19 in Adults (STORM CHASER)," sponsored by AstraZeneca LLC, in connection with the U.S. Federal Coronavirus Response.
- Principal Investigator, Inter-Agency Agreement, National Institute of Allergy and Infectious Diseases – Uniformed Services University, "Collaborative Clinical Research Activities - IDCRP," G18744/FN87YS17
- Principal Investigator, "Pragmatic Assessment of Influenza Vaccine Effectiveness in the DoD," Defense Health Program
- Principal Investigator: "Development of a swine immunogenicity model for dengue vaccine testing." FY2002 Peer Reviewed Medical Research Program.
- Principal Investigator: "Virological and Immunological Determinants of the Severity of Dengue Disease during a Secondary Dengue Virus Infection." FY2002 Military Infectious Diseases Research Program.
- Principal Investigator: "Evaluation of interactions between dengue virus and dendritic cells, a potential method to select an optimal vaccine strategy." FY2002 Military Infectious Diseases Research Program.
- Principal Investigator: "Examination of Humoral Immunological Responses and Virological Determinants of Dengue Disease Severity during Secondary Dengue Virus Infections." FY2003 Military Infectious Diseases Research Program.
- Principal Investigator, "Characterization of Dendritic Cell Responses to Dengue Virus Infection: Mechanisms of Dengue-induced Apoptosis, Impact on Immunogenicity, and Effects of Adjuvants and Vector Factors." FY2004 Military

- Infectious Diseases Research Program.
- Principal Investigator, "Engineered Apoptosis for Improved Immunogenicity in Second Generation Dengue Vaccines." FY2005 Military Infectious Diseases Research Program.
 - Principal Investigator, "Examination of Dengue Virus Effects on Dendritic Cell Function and Antigen Presentation: Influence of T cell Factors, Differential Effects Induced by Dengue Attenuation, and Influence of Virus Entry Route on Outcome." FY2005 Military Infectious Diseases Research Program.
 - NMRC Principal Investigator, Cooperative Research and Development Agreement with GlaxoSmithKline, Inc. December 2005
 - Principal Investigator, "Inter-laboratory Assessment and Qualification of a Novel FACS-based Assay for Neutralizing Flavivirus Antibodies." FY2006 Military Infectious Diseases Research Program.
 - Principal Investigator, "Expanded Cluster Investigations for the Early Detection of Dengue Fever and Dengue Hemorrhagic Fever." FY2006 Military Infectious Diseases Research Program.
 - Principal Investigator, "Prospective study of dengue fever and dengue hemorrhagic fever in a cohort of adults in Bandung, Indonesia." FY2006 Military Infectious Diseases Research Program.
 - Principal Investigator, "Characterization of agents causing encephalitis in Indochina." FY2008 Global Emerging Infections System.
 - Principal Investigator, "Convalescent Plasma Immunotherapy for Severe Influenza." FY 2010, U.S. Navy Bureau of Medicine.
 - Principal Investigator, "Feasibility and immunogenicity of self-administered intranasal influenza vaccine." FY2011, Military Vaccines Agency.
 - Principal Investigator, Inter-Agency Agreement, National Institute of Allergy and Infectious Diseases – Uniformed Services University, "Collaborative Clinical Research Activities - IDCRP"

Publications

1. Means-Markwell M, **Burgess T**, deKeraty D, O'Neil K, Mascola J, Fleisher T, Lucey D. Eosinophilia with aberrant T cells and elevated serum levels of interleukin-2 and interleukin-15. *N Engl J Med*. 2000 May 25;342(21):1568-71. PubMed PMID: 10824075.
2. **Burgess TH**, Steele KE, Schoneboom BA, Grieder FB. Clinicopathologic features of viral agents of potential use by bioterrorists. *Clin Lab Med*. 2001 Sep;21(3):475-93, viii. Review. PubMed PMID: 11572138.
3. Marovich M, Grouard-Vogel G, Louder M, Eller M, Sun W, Wu SJ, Putvatana R, Murphy G, Tassaneeritthep B, **Burgess T**, Birx D, Hayes C, Schlesinger-Frankel S, Mascola J. Human dendritic cells as targets of dengue virus infection. *J Invest Dermatol Symp Proc*. 2001 Dec;6(3):219-24. PubMed PMID: 11924831.
4. Tassaneeritthep B, **Burgess TH**, Granelli-Piperno A, Trumpfheller C, Finke J, Sun W, Eller MA, Pattanapanyasat K, Sarasombath S, Birx DL, Steinman RM, Schlesinger S, Marovich MA. DC-SIGN (CD209) mediates dengue virus infection of human dendritic cells. *J Exp Med*. 2003 Apr 7;197(7):823-9. PubMed PMID: 12682107; PubMed Central PMCID: PMC2193896.
5. Palmer DR, Sun P, Celluzzi C, Bisbing J, Pang S, Sun W, Marovich MA, **Burgess T**. Differential effects of dengue virus on infected and bystander dendritic cells. *J Virol*. 2005 Feb;79(4):2432-9. PubMed PMID: 15681444; PubMed Central PMCID: PMC546567.
6. Susi B, Whitman T, Blazes DL, **Burgess TH**, Martin GJ, Freilich D. Rapid diagnostic test for Plasmodium falciparum in 32 Marines medically evacuated from Liberia with a febrile illness. *Ann Intern Med*. 2005 Mar 15;142(6):476-7. PubMed PMID: 15767635.
7. Martin NC, Pardo J, Simmons M, Tjaden JA, Widjaja S, Marovich MA, Sun W, Porter KR, **Burgess TH**. An immunocytometric assay based on dengue infection via DC-SIGN permits rapid measurement of anti-dengue neutralizing antibodies. *J Virol Methods*. 2006 Jun;134(1-2):74-85. Epub 2006 Jan 18. PubMed PMID: 16417930.
8. Sun P, Celluzzi CM, Marovich M, Subramanian H, Eller M, Widjaja S, Palmer D, Porter K, Sun W, **Burgess T**. CD40 ligand enhances dengue viral infection of dendritic cells: a possible mechanism for T cell-mediated immunopathology. *J Immunol*. 2006 Nov 1;177(9):6497-503. PubMed PMID: 17056582.

9. Palmer DR, Fernandez S, Bisbing J, Peachman KK, Rao M, Barvir D, Gunther V, **Burgess T**, Kohno Y, Padmanabhan R, Sun W. Restricted replication and lysosomal trafficking of yellow fever 17D vaccine virus in human dendritic cells. *J Gen Virol*. 2007 Jan;88(Pt 1):148-56. PubMed PMID: 17170447.
10. Doolan DL, Freilich DA, Brice GT, **Burgess TH**, Berzins MP, Bull RL, Graber NL, Dabbs JL, Shatney LL, Blazes DL, Bebris LM, Malone MF, Eisold JF, Mateczun AJ, Martin GJ. The US capitol bioterrorism anthrax exposures: clinical epidemiological and immunological characteristics. *J Infect Dis*. 2007 Jan 15;195(2):174-84. Epub 2006 Dec 6. PubMed PMID: 17191162.
11. Fernandez S, Palmer DR, Simmons M, Sun P, Bisbing J, McClain S, Mani S, **Burgess T**, Gunther V, Sun W. Potential role for Toll-like receptor 4 in mediating Escherichia coli maltose-binding protein activation of dendritic cells. *Infect Immun*. 2007 Mar;75(3):1359-63. Epub 2007 Jan 12. PubMed PMID: 17220311; PubMed Central PMCID: PMC1828564.
12. Putnam SD, Sedyaningsih ER, Listiyaningsih E, Pulungsih SP, Komalarini, Soenarto Y, Salim OCh, Subekti D, Riddle MS, **Burgess TH**, Blair PJ. Group A rotavirus-associated diarrhea in children seeking treatment in Indonesia. *J Clin Virol*. 2007 Dec;40(4):289-94. Epub 2007 Oct 30. PubMed PMID: 17977785.
13. Boonnak K, Slike BM, **Burgess TH**, Mason RM, Wu SJ, Sun P, Porter K, Rudiman IF, Yuwono D, Puthavathana P, Marovich MA. Role of dendritic cells in antibody-dependent enhancement of dengue virus infection. *J Virol*. 2008 Apr;82(8):3939-51. doi: 10.1128/JVI.02484-07. Epub 2008 Feb 13. PubMed PMID: 18272578; PubMed Central PMCID: PMC2292981.
14. Putnak JR, de la Barrera R, **Burgess T**, Pardo J, Dessy F, Gheysen D, Lobet Y, Green S, Endy TP, Thomas SJ, Eckels KH, Innis BL, Sun W. Comparative evaluation of three assays for measurement of dengue virus neutralizing antibodies. *Am J Trop Med Hyg*. 2008 Jul;79(1):115-22. PubMed PMID: 18606774.
15. Sun P, Fernandez S, Marovich MA, Palmer DR, Celluzzi CM, Boonnak K, Liang Z, Subramanian H, Porter KR, Sun W, **Burgess TH**. Functional characterization of ex vivo blood myeloid and plasmacytoid dendritic cells after infection with dengue virus. *Virology*. 2009 Jan 20;383(2):207-15. doi: 10.1016/j.virol.2008.10.022. Epub 2008 Nov 17. PubMed PMID: 19013627.
16. Stoops AC, Barbara KA, Indrawan M, Ibrahim IN, Petrus WB, Wijaya S, Farzeli A, Antonjaya U, Sin LW, Hidayatullah N, Kristanto I, Tampubolon AM, Purnama S, Supriatna A, **Burgess TH**, Williams M, Putnam SD, Tobias S, Blair PJ. H5N1 surveillance in migratory birds in Java, Indonesia. *Vector Borne Zoonotic Dis*. 2009 Dec;9(6):695-702. doi: 10.1089/vbz.2008.0183. PubMed PMID: 19271996.
17. Raviprakash K, Defang G, **Burgess T**, Porter K. Advances in dengue vaccine development. *Hum Vaccin*. 2009 Aug;5(8):520-8. Epub 2009 Aug 13. Review. PubMed PMID: 19535912.
18. Takhampunya R, Palmer DR, McClain S, Barvir DA, Lynch J, Jarman RG, Thomas S, Gibbons RV, **Burgess TH**, Sun P, Kamau E, Putnak R, Zhang C. Phenotypic analysis of dengue virus isolates associated with dengue fever and dengue hemorrhagic fever for cellular attachment, replication and interferon signaling ability. *Virus Res*. 2009 Oct;145(1):31-8. doi: 10.1016/j.virusres.2009.05.016. Epub 2009 Jun 21. PubMed PMID: 19540887.
19. Simmons M, **Burgess T**, Lynch J, Putnak R. Protection against dengue virus by non-replicating and live attenuated vaccines used together in a prime boost vaccination strategy. *Virology*. 2010 Jan 20;396(2):280-8. doi: 10.1016/j.virol.2009.10.023. Epub 2009 Nov 13. PubMed PMID: 19913867.
20. Dilantika C, Sedyaningsih ER, Kasper MR, Agtini M, Listiyaningsih E, Uyeki TM, **Burgess TH**, Blair PJ, Putnam SD. Influenza virus infection among pediatric patients reporting diarrhea and influenza-like illness. *BMC Infect Dis*. 2010 Jan 7;10:3. doi: 10.1186/1471-2334-10-3. PubMed PMID: 20053294; PubMed Central PMCID: PMC2820480.
21. Luke TC, Casadevall A, Watowich SJ, Hoffman SL, Beigel JH, **Burgess TH**. Hark back: passive immunotherapy for influenza and other serious infections. *Crit Care Med*. 2010 Apr;38(4 Suppl):e66-73. doi: 10.1097/CCM.0b013e3181d44c1e. Review. PubMed PMID: 20154602.
22. Jeremy Sueker J, Blazes DL, Johns MC, Blair PJ, Sjoberg PA, Tjaden JA, Montgomery JM, Pavlin JA, Schnabel DC, Eick AA, Tobias S, Quintana M, Vest KG, Burke RL, Lindler LE, Mansfield JL, Erickson RL, Russell KL, Sanchez JL; **DoD Influenza Working Group**. Influenza and respiratory disease surveillance: the US military's global laboratory-based network. *Influenza Other Respir Viruses*. 2010 May 1;4(3):155-61. doi: 10.1111/j.1750-2659.2010.00129.x. Review. PubMed PMID: 20409212; PubMed Central PMCID: PMC4941663.
23. Whitman TJ, Coyne PE, Magill AJ, Blazes DL, Green MD, Milhous WK, **Burgess TH**, Freilich D, Tasker SA, Azar RG, Endy TP, Clagett CD, Deye GA, Shanks GD, Martin GJ. An outbreak of Plasmodium falciparum malaria in U.S. Marines deployed to Liberia. *Am J Trop Med Hyg*. 2010 Aug;83(2):258-65. doi: 10.4269/ajtmh.2010.09-0774. PubMed PMID: 20682864; PubMed Central PMCID: PMC2911167.
24. Kortepeter MG, Seaworth BJ, Tasker SA, **Burgess TH**, Coldren RL, Aronson NE. Health care workers and researchers traveling to developing-world clinical settings: disease transmission risk and

- mitigation. *Clin Infect Dis*. 2010 Dec 1;51(11):1298-305. doi: 10.1086/657115. Epub 2010 Nov 1. Review. PubMed PMID: 21039283.
25. Beckett CG, Tjaden J, **Burgess T**, Danko JR, Tamminga C, Simmons M, Wu SJ, Sun P, Kochel T, Raviprakash K, Hayes CG, Porter KR. Evaluation of a prototype dengue-1 DNA vaccine in a Phase 1 clinical trial. *Vaccine*. 2011 Jan 29;29(5):960-8. doi: 10.1016/j.vaccine.2010.11.050. Epub 2010 Nov 25. PubMed PMID: 21111785.
 26. Crum-Cianflone NF, Eberly LE, Duplessis C, Maguire J, Ganesan A, Faix D, Defang G, Bai Y, Iverson E, Lalani T, Whitman T, Blair PJ, Brandt C, Macalino G, **Burgess T**. Immunogenicity of a monovalent 2009 influenza A (H1N1) vaccine in an immunocompromised population: a prospective study comparing HIV-infected adults with HIV-uninfected adults. *Clin Infect Dis*. 2011 Jan 1;52(1):138-46. doi: 10.1093/cid/ciq019. Epub 2010 Dec 7. PubMed PMID: 21148532; PubMed Central PMCID: PMC3060889.
 27. Sun P, Beckett C, Danko J, **Burgess T**, Liang Z, Kochel T, Porter K. A dendritic cell-based assay for measuring memory T cells specific to dengue envelope proteins in human peripheral blood. *J Virol Methods*. 2011 May;173(2):175-81. doi: 10.1016/j.jviromet.2011.01.023. Epub 2011 Feb 18. PubMed PMID: 21315764.
 28. Crum-Cianflone NF, Iverson E, Defang G, Blair PJ, Eberly LE, Maguire J, Ganesan A, Faix D, Duplessis C, Lalani T, Whitman T, Brandt C, Macalino G, Millar EV, **Burgess T**. Durability of antibody responses after receipt of the monovalent 2009 pandemic influenza A (H1N1) vaccine among HIV-infected and HIV-uninfected adults. *Vaccine*. 2011 Apr 12;29(17):3183-91. doi: 10.1016/j.vaccine.2011.02.040. Epub 2011 Mar 1. PubMed PMID: 21371580; PubMed Central PMCID: PMC3078993.
 29. Campo JJ, Whitman TJ, Freilich D, **Burgess TH**, Martin GJ, Doolan DL. Toward a surrogate marker of malaria exposure: modeling longitudinal antibody measurements under outbreak conditions. *PLoS One*. 2011;6(7):e21826. doi: 10.1371/journal.pone.0021826. Epub 2011 Jul 27. PubMed PMID: 21818270; PubMed Central PMCID: PMC3144875.
 30. Sun P, Bauza K, Pal S, Liang Z, Wu SJ, Beckett C, **Burgess T**, Porter K. Infection and activation of human peripheral blood monocytes by dengue viruses through the mechanism of antibody-dependent enhancement. *Virology*. 2011 Dec 20;421(2):245-52. doi:10.1016/j.virol.2011.08.026. Epub 2011 Oct 26. PubMed PMID: 22033262.
 31. Kasper MR, Blair PJ, Touch S, Sokhal B, Yasuda CY, Williams M, Richards AL, **Burgess TH**, Wierzbica TF, Putnam SD. Infectious etiologies of acute febrile illness among patients seeking health care in south-central Cambodia. *Am J Trop Med Hyg*. 2012 Feb;86(2):246-53. doi: 10.4269/ajtmh.2012.11-0409. PubMed PMID: 22302857; PubMed Central PMCID: PMC3269275.
 32. Kosasih H, Roselinda, Nurhayati, Klimov A, Xiyun X, Lindstrom S, Mahoney F, Beckett C, **Burgess TH**, Blair PJ, Uyeki TM, Sedyaningsih ER. Surveillance of influenza in Indonesia, 2003–2007. *Influenza Other Respir Viruses*. 2013 May;7(3):312-20. PubMed PMID: 22804910.
 33. Raviprakash K, Luke T, Doukas J, Danko J, Porter K, **Burgess T**, Kochel T. A dengue DNA vaccine formulated with Vaxfectin® is well tolerated, and elicits strong neutralizing antibody responses to all four dengue serotypes in New Zealand white rabbits. *Hum Vaccin Immunother*. 2012 Dec 1;8(12):1764-8. doi: 10.4161/hv.21806. Epub 2012 Oct 2. PubMed PMID: 23032166; PubMed Central PMCID: PMC3656063.
 34. Defang GN, Martin NJ, **Burgess TH**, Millar EV, Pecenka LA, Danko JR, Arnold JC, Kochel TJ, Luke TC. Comparative analysis of hemagglutination inhibition titers generated using temporally matched serum and plasma samples. *PLoS One*. 2012;7(12):e48229. doi: 10.1371/journal.pone.0048229. Epub 2012 Dec 20. PubMed PMID: 23284613; PubMed Central PMCID: PMC3527466.
 35. Vora NM, Basavaraju SV, Feldman KA, Paddock CD, Orciari L, Gitterman S, Griese S, Wallace RM, Said M, Blau DM, Selvaggi G, Velasco-Villa A, Ritter J, Yager P, Kresch A, Niezgodna M, Blanton J, Stosor V, Falta EM, Lyon GM 3rd, Zembower T, Kuzmina N, Rohatgi PK, Recuenco S, Zaki S, Damon I, Franka R, Kuehnert MJ; **Transplant-Associated Rabies Virus Transmission Investigation Team**. Raccoon rabies virus variant transmission through solid organ transplantation. *JAMA*. 2013 Jul 24;310(4):398-407. doi: 10.1001/jama.2013.7986. PubMed PMID: 23917290.
 36. Kosasih H, de Mast Q, Widjaja S, Sudjana P, Antonjaya U, Ma'roef C, Riswari SF, Porter KR, **Burgess TH**, Alisjahbana B, van der Ven A, Williams M. Evidence for endemic chikungunya virus infections in Bandung, Indonesia. *PLoS Negl Trop Dis*. 2013 Oct 24;7(10):e2483. doi: 10.1371/journal.pntd.0002483. eCollection 2013. PubMed PMID: 24205417; PubMed Central PMCID: PMC3812099.
 37. Kosasih H, Alisjahbana B, Widjaja S, Nurhayati, de Mast Q, Parwati I, Blair PJ, **Burgess TH**, van der Ven A, Williams M. The diagnostic and prognostic value of dengue non-structural 1 antigen detection in a hyper-endemic region in Indonesia. *PLoS One*. 2013 Nov 19;8(11):e80891. doi: 10.1371/journal.pone.0080891. eCollection 2013. PubMed PMID: 24260501; PubMed Central PMCID: PMC3834322.

38. Lalani T, Maguire JD, Grant EM, Fraser J, Ganesan A, Johnson MD, Deiss RG, Riddle MS, **Burgess T**, Tribble DR; IDCRP TravMil Study Group. Epidemiology and self-treatment of travelers' diarrhea in a large, prospective cohort of department of defense beneficiaries. *J Travel Med*. 2015 May-Jun;22(3):152-60. doi: 10.1111/jtm.12179. Epub 2014 Dec 7. PubMed PMID: 25483360; PubMed Central PMCID: PMC4409454.
39. Morgan MK, Whitman TJ, Cohen JI, Pittaluga S, Mitchum MD, Jarell AD, **Burgess TH**. A patient with Fever and rash. *Clin Infect Dis*. 2014 Jul 1;59(1):95, 136-7. doi: 10.1093/cid/ciu197. PubMed PMID: 25551834; PubMed Central PMCID: PMC4305125.
40. Chen WJ, Arnold JC, Fairchok MP, Danaher PJ, McDonough EA, Blair PJ, Garcia J, Halsey ES, Schofield C, Ottolini M, Mor D, Ridoré M, **Burgess TH**, Millar EV. Epidemiologic, clinical, and virologic characteristics of human rhinovirus infection among otherwise healthy children and adults: rhinovirus among adults and children. *J Clin Virol*. 2015 Mar;64:74-82. doi: 10.1016/j.jcv.2015.01.007. Epub 2015 Jan 13. PubMed PMID: 25728083; PubMed Central PMCID: PMC4347877.
41. Fairchok MP, Chen WJ, Arnold JC, Schofield C, Danaher PJ, McDonough EA, Ottolini M, Mor D, Ridoré M, **Burgess TH**, Millar EV. Neuraminidase inhibitor therapy in a military population. *J Clin Virol*. 2015 Jun;67:17-22. doi: 10.1016/j.jcv.2015.03.018. Epub 2015 Mar 24. PubMed PMID: 25959151; PubMed Central PMCID: PMC4427829.
42. Murray CK, Yun HC, Markelz AE, Okulicz JF, Vento TJ, **Burgess TH**, Cardile AP, Miller RS. Operation United Assistance: infectious disease threats to deployed military personnel. *Mil Med*. 2015 Jun;180(6):626-51. doi: 10.7205/MILMED-D-14-00691. Review. PubMed PMID: 26032379.
43. **Burgess TH**, Murray CK, Bavaro MF, Landrum ML, O'Bryan TA, Rosas JG, Cammarata SM, Martin NJ, Ewing D, Raviprakash K, Mor D, Zell ER, Wilkins KJ, Millar EV. Self-administration of intranasal influenza vaccine: Immunogenicity and volunteer acceptance. *Vaccine*. 2015 Jul 31;33(32):3894-9. doi: 10.1016/j.vaccine.2015.06.061. Epub 2015 Jun 25. PubMed PMID: 26117150.
44. Deiss RG, Arnold JC, Chen WJ, Echols S, Fairchok MP, Schofield C, Danaher PJ, McDonough E, Ridoré M, Mor D, **Burgess TH**, Millar EV. Vaccine-associated reduction in symptom severity among patients with influenza A/H3N2 disease. *Vaccine*. 2015 Dec 16;33(51):7160-7167. doi: 10.1016/j.vaccine.2015.11.004. Epub 2015 Nov 10. PubMed PMID: 26562321; PubMed Central PMCID: PMC4684491.
45. Kosasih H, Alisjahbana B, Nurhayati, de Mast Q, Rudiman IF, Widjaja S, Antonjaya U, Novriani H, Susanto NH, Jusuf H, van der Ven A, Beckett CG, Blair PJ, **Burgess TH**, Williams M, Porter KR. The Epidemiology, Virology and Clinical Findings of Dengue Virus Infections in a Cohort of Indonesian Adults in Western Java. *PLoS Negl Trop Dis*. 2016 Feb 12;10(2):e0004390. doi: 10.1371/journal.pntd.0004390. eCollection 2016 Feb. PubMed PMID: 26872216; PubMed Central PMCID: PMC4752237.
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