

WRAIR 2012 PUBLICATIONS

1. Agnandji, S.T., Lell, B., Fernandes, J.F., Abossolo, B.P., Methogo, B.G., Kabwende, A.L., Adegnika, A.A., Mordmuller, B., Issifou, S., Kremsner, P.G., Sacarlal, J., Aide, P., Lanaspá, M., Aponte, J.J., Machevo, S., Acacio, S., Bulo, H., Sigauque, B., Macete, E., Alonso, P., Abdulla, S., Salim, N., Minja, R., Mpina, M., Ahmed, S., Ali, A.M., Mtoro, A.T., Hamad, A.S., Mutani, P., Tanner, M., Tinto, H., D'Alessandro, U., Sorgho, H., Valea, I., Bihoun, B., Guiraud, I., Kabore, B., Sombie, O., Guiguemde, R.T., Ouedraogo, J.B., Hamel, M.J., Kariuki, S., Onoko, M., Odero, C., Otieno, K., Awino, N., McMorrow, M., Muturi-Kioi, V., Laserson, K.F., Slutsker, L., Otieno, W., Otieno, L., Otsyula, N., Gondi, S., Otieno, A., Owira, V., Oguk, E., Odongo, G., Woods, J.B., Ogutu, B., Njuguna, P., Chilengi, R., Akoo, P., Kerubo, C., Maingi, C., Lang, T., Olotu, A., Bejon, P., Marsh, K., Mwambingu, G., Owusu-Agyei, S., Asante, K.P., Osei-Kwakye, K., Boahen, O., Dosoo, D., Asante, I., Adjei, G., Kwara, E., Chandramohan, D., Greenwood, B., Lusingu, J., Gesase, S., Malabeja, A., Abdul, O., Mahende, C., Liheluka, E., Malle, L., Lemnge, M., Theander, T.G., Drakeley, C., Ansong, D., Agbenyega, T., Adjei, S., Boateng, H.O., Rettig, T., Bawa, J., Sylverken, J., Sambian, D., Sarfo, A., Agyekum, A., Martinson, F., Hoffman, I., Mvalo, T., Kamthunzi, P., Nkomo, R., Tembo, T., Tegha, G., Tsidya, M., Kilembe, J., Chawinga, C., Ballou, W.R., Cohen, J., Guerra, Y., Jongert, E., Lapierre, D., Leach, A., Lievens, M., Ofori-Anyinam, O., Olivier, A., Vekemans, J., Carter, T., Kaslow, D., Leboulleux, D., Loucq, C., Radford, A., Savarese, B., Schellenberg, D., Sillman, M., Vansadia, P. A phase 3 trial of RTS,S/AS01 malaria vaccine in African infants. New England Journal of Medicine. 2012; 367(24):2284-95.
2. Ahmed, F., Gyorgy, A., Kamnaksh, A., Ling, G., Tong, L., Parks, S., Agoston, D. Time-dependent changes of protein biomarker levels in the cerebrospinal fluid after blast traumatic brain injury. Electrophoresis. 2012; 33(24):3705-11.
3. Alaro, J.R., Angov, E., Lopez, A.M., Zhou, H., Long, C.A., Burns, J.M., Jr. Evaluation of the immunogenicity and vaccine potential of recombinant Plasmodium falciparum merozoite surface protein 8. Infection and Immunity. 2012; 80(7):2473-84.
4. Aldstadt, J., Yoon, I.K., Tannitisupawong, D., Jarman, R.G., Thomas, S.J., Gibbons, R.V., Uppapong, A., Iamsirithaworn, S., Rothman, A.L., Scott, T.W., Endy, T. Space-time analysis of hospitalised dengue patients in rural Thailand reveals important temporal intervals in the pattern of dengue virus transmission. Tropical Medicine & International Health. 2012; 17(9):1076-85.
5. Allon, N., Saxena, A., Chambers, C., Doctor, B.P. A new liposome-based gene delivery system targeting lung epithelial cells using endothelin antagonist. Journal of Controlled Release. 2012; 160(2):217-24.
6. Alving, C.R., Peachman, K.K., Rao, M., Reed, S.G. Adjuvants for human vaccines. Current Opinion in Immunology. 2012; 24(3):310-5.

7. Alving, C.R., Rao, M., Steers, N.J., Matyas, G.R., Mayorov, A.V. Liposomes containing lipid A: an effective, safe, generic adjuvant system for synthetic vaccines. Expert Review of Vaccines. 2012; 11(6):733-44.
8. Ananworanich, J., Schuetz, A., Vandergeeten, C., Sereti, I., de Souza, M., Rerknimitr, R., Dewar, R., Marovich, M., van Griensven, F., Sekaly, R., Pinyakorn, S., Phanuphak, N., Trichavaroj, R., Rutvisuttinunt, W., Chomchey, N., Paris, R., Peel, S., Valcour, V., Maldarelli, F., Chomont, N., Michael, N., Phanuphak, P., Kim, J.H., RV254/SEARCH_010_Study_Group. Impact of multi-targeted antiretroviral treatment on gut T cell depletion and HIV reservoir seeding during acute HIV infection. PLoS One. 2012; 7(3):e33948.
9. Arun, P., Abu-Taleb, R., Valiyaveetil, M., Wang, Y., Long, J.B., Nambiar, M.P. Transient changes in neuronal cell membrane permeability after blast exposure. Neuroreport. 2012; 23(6):342-6.
10. Arun, P., Oguntayo, S., Alamneh, Y., Honnold, C., Wang, Y., Valiyaveetil, M., Long, J.B., Nambiar, M.P. Rapid release of tissue enzymes into blood after blast exposure: potential use as biological dosimeters. PLoS One. 2012; 7(4):e33798.
11. Auliff, A.M., Balu, B., Chen, N., O'Neil, M.T., Cheng, Q., Adams, J.H. Functional analysis of Plasmodium vivax dihydrofolate reductase-thymidylate synthase genes through stable transformation of Plasmodium falciparum. PLoS One. 2012; 7(7):e40416.
12. Badu, K., Afrane, Y.A., Larbi, J., Stewart, V.A., Waitumbi, J., Angov, E., Ong'echa, J.M., Perkins, D.J., Zhou, G., Githeko, A., Yan, G. Marked variation in MSP-1₁₉ antibody responses to malaria in western Kenyan highlands. BMC Infectious Diseases. 2012; 12:50.
13. Badu, K., Siangla, J., Larbi, J., Lawson, B.W., Afrane, Y., Ong'echa, J., Remoue, F., Zhou, G., Githeko, A.K., Yan, G. Variation in exposure to Anopheles gambiae salivary gland peptide (gSG6-P1) across different malaria transmission settings in the western Kenya highlands. Malaria Journal. 2012; 11:318.
14. Barouch, D.H., Liu, J., Li, H., Maxfield, L.F., Abbink, P., Lynch, D.M., Iampietro, M.J., SanMiguel, A., Seaman, M.S., Ferrari, G., Forthal, D.N., Ourmanov, I., Hirsch, V.M., Carville, A., Mansfield, K.G., Stablein, D., Pau, M.G., Schuitemaker, H., Sadoff, J.C., Billings, E.A., Rao, M., Robb, M.L., Kim, J.H., Marovich, M.A., Goudsmit, J., Michael, N.L. Vaccine protection against acquisition of neutralization-resistant SIV challenges in rhesus monkeys. Nature. 2012; 482(7383):89-93.
15. Belinskaya, T., Pattabiraman, N., Ditargiani, R., Choi, M., Saxena, A. Differences in amino acid residues in the binding pockets dictate substrate specificities of mouse senescence marker protein-30, human paraoxonase 1, and squid diisopropylfluorophosphatase. Biochimica et Biophysica Acta. 2012; 1824(5):701-10.

16. Bellar, D.M., Kamimori, G., Judge, L., Barkley, J.E., Ryan, E.J., Muller, M., Glickman, E.L. Effects of low-dose caffeine supplementation on early morning performance in the standing shot put throw. European Journal of Sport Science. 2012; 12(1):57-61.
17. Bergmann-Leitner, E.S., Duncan, E.H., Mease, R.M., Angov, E. Impact of pre-existing MSP142-allele specific immunity on potency of an erythrocytic Plasmodium falciparum vaccine. Malaria Journal. 2012; 11:315.
18. Bermudez, L.E., Inderlied, C.B., Kolonoski, P., Chee, C.B., Aralar, P., Petrofsky, M., Parman, T., Green, C.E., Lewin, A.H., Ellis, W.Y., Young, L.S. Identification of (+)-erythro-mefloquine as an active enantiomer with greater efficacy than mefloquine against Mycobacterium avium infection in mice. Antimicrobial Agents and Chemotherapy. 2012; 56(8):4202-6.
19. Bhattacharjee, A.K., Kuca, K., Musilek, K., Gordon, R.K. An in silico stereo-electronic comparison of conventional pyridinium oximes and K-oximes for organophosphate (OP) poisoning. Medicinal Chemistry. 2012; 8(2):230-45.
20. Bhattacharjee, A.K., Marek, E., Le, H.T., Gordon, R.K. Discovery of non-oxime reactivators using an in silico pharmacophore model of oxime reactivators of OP-inhibited acetylcholinesterase. European Journal of Medicinal Chemistry. 2012; 49C:229-38.
21. Blacksell, S.D., Jarman, R.G., Gibbons, R.V., Tanganuchitcharnchai, A., Mammen, M.P., Jr., Nisalak, A., Kalayanaroj, S., Bailey, M.S., Premaratna, R., de Silva, H.J., Day, N.P., Lalloo, D.G. Comparison of seven commercial antigen and antibody enzyme-linked immunosorbent assays for detection of acute dengue infection. Clinical and Vaccine Immunology. 2012; 19(5):804-10.
22. Bodhidatta, L., Pitisuttithum, P., Chamnanchanant, S., Chang, K.T., Islam, D., Bussaratid, V., Venkatesan, M.M., Hale, T.L., Mason, C.J. Establishment of a Shigella sonnei human challenge model in Thailand. Vaccine. 2012; 30(49):7040-5.
23. Bonsignori, M., Pollara, J., Moody, M.A., Alpert, M.D., Chen, X., Hwang, K.K., Gilbert, P.B., Huang, Y., Gurley, T.C., Kozink, D.M., Marshall, D.J., Whitesides, J.F., Tsao, C.Y., Kaewkungwal, J., Nitayaphan, S., Pitisuttithum, P., Rerks-Ngarm, S., Kim, J.H., Michael, N.L., Tomaras, G.D., Montefiori, D.C., Lewis, G.K., Devico, A., Evans, D.T., Ferrari, G., Liao, H.X., Haynes, B.F. Antibody-dependent cellular cytotoxicity-mediating antibodies from an HIV-1 vaccine efficacy trial target multiple epitopes and preferentially use the VH1 gene family. Journal of Virology. 2012; 86(21):11521-32.
24. Boutte, A.M., Yao, C., Kobeissy, F., May Lu, X.C., Zhang, Z., Wang, K.K., Schmid, K., Tortella, F.C., Dave, J.R. Proteomic analysis and brain-specific systems biology in a rodent model of penetrating ballistic-like brain injury. Electrophoresis. 2012; 33(24):3693-704.

25. Britt, T.W., Wright, K.M., Moore, D. Leadership as a predictor of stigma and practical barriers toward receiving mental health treatment: A multilevel approach. Psychological Services. 2012; 9(1):26-37.
26. Brown, B.K., Wiczorek, L., Kijak, G., Lombardi, K., Currier, J., Wesberry, M., Kappes, J.C., Ngauy, V., Marovich, M., Michael, N., Ochsenbauer, C., Montefiori, D.C., Polonis, V.R. The role of natural killer (NK) cells and NK cell receptor polymorphisms in the assessment of HIV-1 neutralization. PLoS One. 2012; 7(4):e29454.
27. Brunell, M.K. Comparison of noncontact infrared thermometry and 3 commercial subcutaneous temperature transponding microchips with rectal thermometry in Rhesus macaques (*Macaca mulatta*). Journal of the American Association for Laboratory Animal Science. 2012; 51(4):479-84.
28. Buenaver, L.F., Quartana, P.J., Grace, E.G., Sarlani, E., Simango, M., Edwards, R.R., Haythornthwaite, J.A., Smith, M.T. Evidence for indirect effects of pain catastrophizing on clinical pain among myofascial temporomandibular disorder participants: The mediating role of sleep disturbance. Pain. 2012; 153(6):1159-66.
29. Bulimo, W.D., Achilla, R.A., Majanja, J., Mukunzi, S., Wadegu, M., Osunna, F., Mwangi, J., Njiri, J., Wangui, J., Nyambura, J., Obura, B., Mitei, K., Omariba, D., Segecha, S., Nderitu, M., Odindo, A., Adeg, C., Kiponda, J., Mupa, R., Munyazi, F., Kissinger, G., Mwakuzimu, M., Kamola, D., Muhidin, E., Kamau, D., Kairithia, S., Koech, M., Sang, A., Onge'ta, L., Schnabel, D.C. Molecular characterization and phylogenetic analysis of the hemagglutinin 1 protein of human influenza A virus subtype H1N1 circulating in Kenya during 2007-2008. Journal of Infectious Diseases. 2012; 206 Suppl 1:S46-52.
30. Burgers, W.A., Manrique, A., Masopust, D., McKinnon, L.R., Reynolds, M.R., Rolland, M., Blish, C., Chege, G.K., Curran, R., Fischer, W., Herrera, C., Sather, D.N. Measurements of immune responses for establishing correlates of vaccine protection against HIV. AIDS Research and Human Retroviruses. 2012; 28(7):641-8.
31. Burke, R.L., Kronmann, K.C., Daniels, C.C., Meyers, M., Byarugaba, D.K., Dueger, E., Klein, T.A., Evans, B.P., Vest, K.G. A review of zoonotic disease surveillance supported by the Armed Forces Health Surveillance Center. Zoonoses and Public Health. 2012; 59(3):164-75.
32. Carney, J., Daly, J.M., Nisalak, A., Solomon, T. Recombination and positive selection identified in complete genome sequences of Japanese encephalitis virus. Archives of Virology. 2012; 157(1):75-83.
33. Castro, C.A., Adler, A.B., McGurk, D., Bliese, P.D. Mental health training with soldiers four months after returning from Iraq: Randomization by platoon. Journal of Traumatic Stress. 2012; 25(4):376-83.
34. Chansamut, N., Buates, S., Takhampunya, R., Udomsangpetch, R., Bantuchai, S.,

- Sattabongkot, J. Correlation of Pfg377 ortholog gene expression of Plasmodium vivax and mosquito infection. Tropical Medicine & International Health. 2012; 17(4):414-22.
35. Che, M.M., Song, J., Oguntayo, S., Doctor, B.P., Rezk, P., Perkins, M.W., Sciuto, A.M., Nambiar, M.P. Treatment with endotracheal therapeutics after sarin microinstillation inhalation exposure increases blood cholinesterase levels in guinea pigs. Toxicology Mechanisms and Methods. 2012; 22(4):250-9.
 36. Chen, Z., Leung, L.Y., Mountney, A., Liao, Z., Yang, W., Lu, X.C., Dave, J., Deng-Bryant, Y., Wei, G., Schmid, K., Shear, D.A., Tortella, F.C. A novel animal model of closed-head concussive-induced mild traumatic brain injury: development, implementation, and characterization. Journal of Neurotrauma. 2012; 29(2):268-80.
 37. Chuenchitra, T., Chaitaveep, P., Sukwit, S., Dettrairat, S., Tabprasit, S., Srisurapanon, S., Kohreanudom, S., Kuvanont, D., Sutthent, R., Sirisopana, N., Nitayaphan, S. Cytokine profiles in HIV-1 subtype CRF01_AE infected individuals with different rates of diseases progression: a multiplex immunoassay. Journal of the Medical Association of Thailand. 2012; 95(Suppl. 5):S116-23.
 38. Chun, H.M., Roediger, M.P., Hullsiek, K.H., Thio, C.L., Agan, B.K., Bradley, W.P., Peel, S.A., Jagodzinski, L.L., Weintrob, A.C., Ganesan, A., Wortmann, G., Crum-Cianflone, N.F., Maguire, J.D., Landrum, M.L., Infectious_Disease_Clinical_Research_Program_HIV_Working_Group. Hepatitis B virus coinfection negatively impacts HIV outcomes in HIV seroconverters. Journal of Infectious Diseases. 2012; 205(2):185-93.
 39. Clark, D.V., Ismailov, A., Seyidova, E., Hajiyeva, A., Bakhishova, S., Hajiyev, H., Nuriyev, T., Piraliyev, S., Bagirov, S., Aslanova, A., Debes, A.K., Qasimov, M., Hepburn, M.J. Seroprevalence of tularemia in rural Azerbaijan. Vector Borne and Zoonotic Diseases. 2012; 12(7):558-63.
 40. Clifford, R.J., Hang, J., Riley, M.C., Onmus-Leone, F., Kuschner, R.A., Lesho, E.P., Waterman, P.E. Complete genome sequence of Providencia stuartii clinical isolate MRSN 2154. Journal of Bacteriology. 2012; 194(14):3736-7.
 41. Clifford, R.J., Milillo, M., Prestwood, J., Quintero, R., Zurawski, D.V., Kwak, Y.I., Waterman, P.E., Lesho, E.P., Mc Gann, P. Detection of bacterial 16S rRNA and identification of four clinically important bacteria by real-time PCR. PLoS One. 2012; 7(11):e48558.
 42. Colacicco-Mayhugh, M.G., Hughes, T., Larson, R., Gosine, S., Diclaro, J., Dunford, J. Military entomology in Operation Enduring Freedom, 2010-2011. U.S. Army Medical Department Journal. 2012:29-35.
 43. Coldren, R.L., Brett-Major, D.M., Hickey, P.W., Garges, E., Weina, P.J., Corrigan, P., Quinnan, G. Tropical medicine training in the Department of Defense. Military Medicine.

2012; 177(4):361-3.

44. Conlan, J.V., Vongxay, K., Jarman, R.G., Gibbons, R.V., Lunt, R.A., Fenwick, S., Thompson, R.C., Blacksell, S.D. Serologic study of pig-associated viral zoonoses in Laos. American Journal of Tropical Medicine and Hygiene. 2012; 86(6):1077-84.
45. Connor, P., Porter, C.K., Swierczewski, B., Riddle, M.S. Diarrhoea during military deployment: current concepts and future directions. Current Opinion in Infectious Diseases. 2012; 25(5):546-54.
46. Costante, M., Biggemann, L., Alamneh, Y., Soojhawon, I., Short, R., Nigam, S., Garcia, G., Doctor, B.P., Valiyaveetil, M., Nambiar, M.P. Hydrolysis potential of recombinant human skin and kidney prolidase against diisopropylfluorophosphate and sarin by in vitro analysis. Toxicology In Vitro. 2012; 26(1):182-8.
47. Cowan, D.N., Bedno, S.A., Urban, N., Lee, D.S., Niebuhr, D.W. Step test performance and risk of stress fractures among female army trainees. American Journal of Preventive Medicine. 2012; 42(6):620-4.
48. Cox, J.H., Ferrari, M.G., Earl, P., Lane, J.R., Jagodzinski, L.L., Polonis, V.R., Kuta, E.G., Boyer, J.D., Ratto-Kim, S., Eller, L.A., Pham, D.T., Hart, L., Montefiori, D., Ferrari, G., Parrish, S., Weiner, D.B., Moss, B., Kim, J.H., Birx, D., VanCott, T.C. Inclusion of a CRF01_AE HIV envelope protein boost with a DNA/MVA prime-boost vaccine: Impact on humoral and cellular immunogenicity and viral load reduction after SHIV-E challenge. Vaccine. 2012; 30(10):1830-40.
49. Cozza, K.L., Wynn, G.H. Smoking and metabolism; asenapine; irreversible MAOIs. Psychosomatics. 2012; 53(5):499-502.
50. Cui, L., Yan, G., Sattabongkot, J., Cao, Y., Chen, B., Chen, X., Fan, Q., Fang, Q., Jongwutiwes, S., Parker, D., Sirichaisinthop, J., Kyaw, M.P., Su, X.Z., Yang, H., Yang, Z., Wang, B., Xu, J., Zheng, B., Zhong, D., Zhou, G. Malaria in the Greater Mekong Subregion: heterogeneity and complexity. Acta Tropica. 2012; 121(3):227-39.
51. Cui, L., Yan, G., Sattabongkot, J., Chen, B., Cao, Y., Fan, Q., Parker, D., Sirichaisinthop, J., Su, X.Z., Yang, H., Yang, Z., Wang, B., Zhou, G. Challenges and prospects for malaria elimination in the Greater Mekong Subregion. Acta Tropica. 2012; 121(3):240-5.
52. Czeiter, E., Mondello, S., Kovacs, N., Sandor, J., Gabrielli, A., Schmid, K., Tortella, F., Wang, K.K., Hayes, R.L., Barzo, P., Ezer, E., Doczi, T., Buki, A. Brain injury biomarkers may improve the predictive power of the IMPACT outcome calculator. Journal of Neurotrauma. 2012; 29(9):1770-8.
53. Danabalan, R., Ponsonby, D.J., Linton, Y.M. A critical assessment of available molecular identification tools for determining the status of *Culex pipiens* s.l. in the United Kingdom. Journal of the American Mosquito Control Association. 2012; 28(4):68-74.

54. Daugherty, A., Suvarnapunya, A.E., Runyen-Janecky, L. The role of oxyR and soxRS in oxidative stress survival in *Shigella flexneri*. Microbiological Research. 2012; 167(4):238-45.
55. de Araujo Furtado, M., Rossetti, F., Chanda, S., Yourick, D. Exposure to nerve agents: From status epilepticus to neuroinflammation, brain damage, neurogenesis and epilepsy. Neurotoxicology. 2012; 33(6):1476-90.
56. de Souza, M.S., Ratto-Kim, S., Chuenarom, W., Schuetz, A., Chantakulkij, S., Nuntapinit, B., Valencia-Micolta, A., Thelian, D., Nitayaphan, S., Pitisuttithum, P., Paris, R.M., Kaewkungwal, J., Michael, N.L., Rerks-Ngarm, S., Mathieson, B., Marovich, M., Currier, J.R., Kim, J.H. The Thai phase III trial (RV144) vaccine regimen induces T cell responses that preferentially target epitopes within the V2 region of HIV-1 envelope. Journal of Immunology. 2012; 188(10):5166-76.
57. Defawe, O.D., Fong, Y., Vasilyeva, E., Pickett, M., Carter, D.K., Gabriel, E., Rerks-Ngarm, S., Nitayaphan, S., Frahm, N., McElrath, M.J., De Rosa, S.C. Optimization and qualification of a multiplex bead array to assess cytokine and chemokine production by vaccine-specific cells. Journal of Immunological Methods. 2012; 382(1-2):117-28.
58. Deng-Bryant, Y., Chen, Z., van der Merwe, C., Liao, Z., Dave, J.R., Rupp, R., Shear, D.A., Tortella, F.C. Long-term administration of amnion-derived cellular cytokine suspension promotes functional recovery in a model of penetrating ballistic-like brain injury. Journal of Trauma and Acute Care Surgery. 2012; 73(2 Suppl 1):S156-64.
59. Derosa, C.A., Furusato, B., Shaheduzzaman, S., Srikantan, V., Wang, Z., Chen, Y., Siefert, M., Ravindranath, L., Young, D., Nau, M., Dobi, A., Werner, T., McLeod, D.G., Vahey, M.T., Sesterhenn, I.A., Srivastava, S., Petrovics, G. Elevated osteonectin/SPARC expression in primary prostate cancer predicts metastatic progression. Prostate Cancer and Prostatic Diseases. 2012; 15(2):150-6.
60. Deye, G.A., Gettayacamin, M., Hansukjariya, P., Im-Erbsin, R., Sattabongkot, J., Rothstein, Y., Macareo, L., Fracisco, S., Bennett, K., Magill, A.J., Ohrt, C. Use of a rhesus *Plasmodium cynomolgi* model to screen for anti-hypnozoite activity of pharmaceutical substances. American Journal of Tropical Medicine and Hygiene. 2012; 86(6):931-5.
61. Deye, G.A., Miller, R.S., Miller, L., Salas, C.J., Tosh, D., Macareo, L., Smith, B.L., Fracisco, S., Clemens, E.G., Murphy, J., Sousa, J.C., Dumler, J.S., Magill, A.J. Prolonged protection provided by a single dose of atovaquone-proguanil for the chemoprophylaxis of *Plasmodium falciparum* malaria in a human challenge model. Clinical Infectious Diseases. 2012; 54(2):232-9.
62. Dong, B.J., Zheng, Y., Hughes, M.D., Frymoyer, A., Verotta, D., Lizak, P., Sawe, F., Currier, J.S., Lockman, S., Aweeka, F.T. Nevirapine pharmacokinetics and risk of rash and hepatitis among HIV-infected sub-Saharan African women. AIDS. 2012;

26(7):833-41.

63. Eksi, S., Morahan, B.J., Haile, Y., Furuya, T., Jiang, H., Ali, O., Xu, H., Kiattibutr, K., Suri, A., Czesny, B., Adeyemo, A., Myers, T.G., Sattabongkot, J., Su, X.Z., Williamson, K.C. Plasmodium falciparum Gametocyte Development 1 (Pfgdv1) and Gametocytogenesis Early Gene Identification and Commitment to Sexual Development. PLoS Pathogens. 2012; 8(10):e1002964.
64. Eller, M.A., Currier, J.R. OMIP-007: Phenotypic analysis of human natural killer cells. Cytometry A. 2012; 81(6):447-9.
65. Eller, M.A., Eller, L.A., Ratto-Kim, S., Ouma, B.J., Lo, V., de Souza, M., Guwatudde, D., Nails, B., Michael, N.L., Wabwire-Mangen, F., Robb, M.L., Marovich, M.A., Sandberg, J.K., Currier, J.R. Single-cell level response of HIV-specific and cytomegalovirus-specific CD4 T cells correlate with viral control in chronic HIV-1 subtype A infection. Journal of Acquired Immune Deficiency Syndromes. 2012; 61(1):9-18.
66. Filippov, A.A., Sergueev, K.V., He, Y., Huang, X.Z., Gnade, B.T., Mueller, A.J., Fernandez-Prada, C.M., Nikolich, M.P. Bacteriophage therapy of experimental bubonic plague in mice. Advances in Experimental Medicine and Biology. 2012; 954:337-48.
67. Filippov, A.A., Sergueev, K.V., He, Y., Nikolich, M.P. Bacteriophages capable of lysing Yersinia pestis and Yersinia pseudotuberculosis: efficiency of plating tests and identification of receptors in Escherichia coli K-12. Advances in Experimental Medicine and Biology. 2012; 954:123-34.
68. Filippov, A.A., Sergueev, K.V., Nikolich, M.P. Can phage effectively treat multidrug-resistant plague? Bacteriophage. 2012; 2(3):186-9.
69. Foley, D.H., Harrison, G., Murphy, J.R., Dowler, M., Rueda, L.M., Wilkerson, R.C. Mosquito bisection as a variable in estimates of PCR-derived malaria sporozoite rates. Malaria Journal. 2012; 11:145.
70. Foley, D.H., Klein, T.A., Kim, H.C., Kim, M.S., Wilkerson, R.C., Harrison, G., Rueda, L.M., Lee, W.J. Synchronous peaks in trap catches of malaria-infected mosquito species at Daeseongdong, a border village between North and South Korea. Journal of Vector Ecology. 2012; 37(1):29-36.
71. Foley, D.H., Wilkerson, R.C., Dornak, L.L., Pecor, D.B., Nyari, A.S., Rueda, L.M., Long, L.S., Richardson, J.H. SandflyMap: leveraging spatial data on sand fly vector distribution for disease risk assessments. Geospatial Health. 2012; 6(3):S25-30.
72. Fomovska, A., Huang, Q., El Bissati, K., Mui, E.J., Witola, W.H., Cheng, G., Zhou, Y., Sommerville, C., Roberts, C.W., Bettis, S., Prigge, S.T., Afanador, G.A., Hickman, M.R., Lee, P.J., Leed, S.E., Auschwitz, J.M., Pieroni, M., Stec, J., Muench, S.P., Rice, D.W.,

- Kozikowski, A.P., McLeod, R. Novel N-benzoyl-2-hydroxybenzamide disrupts unique parasite secretory pathway. Antimicrobial Agents and Chemotherapy. 2012; 56(5):2666-82.
73. Fomovska, A., Wood, R.D., Mui, E., Dubey, J.P., Ferreira, L.R., Hickman, M.R., Lee, P.J., Leed, S.E., Auschwitz, J.M., Welsh, W.J., Sommerville, C., Woods, S., Roberts, C., McLeod, R. Salicylanilide inhibitors of *Toxoplasma gondii*. Journal of Medicinal Chemistry. 2012; 55(19):8375-91.
74. Foran, H.M., Adler, A.B., McGurk, D., Bliese, P.D. Soldiers' perceptions of resilience training and postdeployment adjustment: Validation of a measure of resilience training content and training process. Psychological Services. 2012; 9(4):390-403.
75. Fox, C.B., Baldwin, S.L., Vedvick, T.S., Angov, E., Reed, S.G. Effects on immunogenicity by formulations of emulsion-based adjuvants for malaria vaccines. Clinical and Vaccine Immunology. 2012; 19(10):1633-40.
76. Gibbons, R.V., Streitz, M., Babina, T., Fried, J.R. Dengue and US military operations from the Spanish–American War through today. Emerging Infectious Diseases. 2012; 18(4):623-30.
77. Gorbunov, N.V., Atkins, J.L., Gurusamy, N., Pitt, B.R. Iron-induced remodeling in cultured rat pulmonary artery endothelial cells. Biomaterials. 2012; 25(1):203-17.
78. Gubata, M.E., Oetting, A.A., Weber, N.S., Feng, X., Cowan, D.N., Niebuhr, D.W. Noncognitive temperament test to predict risk of mental disorders and attrition in U.S. Army recruits. Military Medicine. 2012; 177(4):374-9.
79. Hakre, S., Armstrong, A.W., O'Connell R, J., Michael, N.L., Scott, P.T., Brett-Major, D.M. A pilot online survey assessing risk factors for HIV acquisition in the Navy and Marine Corps, 2005-2010. Journal of Acquired Immune Deficiency Syndromes. 2012; 61(2):125-30.
80. Hakre, S., Paris, R.M., Brian, J.E., Malia, J., Sanders-Buell, E.E., Tovanabutra, S., Sleight, B.C., Cook, J.E., Michael, N.L., Scott, P.T., Deuter, D.R., Cersovsky, S.B., Peel, S.A. Enhanced U.S. Army HIV diagnostic algorithm used to diagnose acute HIV infection in a deployed soldier. Military Medicine. 2012; 177(5):609-13.
81. Hallengard, D., Applequist, S.E., Nystrom, S., Maltais, A.K., Marovich, M., Moss, B., Earl, P., Nihlmark, K., Wahren, B., Brave, A. Immunization with multiple vaccine modalities induce strong HIV-specific cellular and humoral immune responses. Viral Immunology. 2012; 25(5):423-32.
82. Hang, J., Forshey, B.M., Kochel, T.J., Li, T., Solorzano, V.F., Halsey, E.S., Kuschner, R.A. Random amplification and pyrosequencing for identification of novel viral genome sequences. Journal of Biomolecular Techniques. 2012; 23(1):4-10.

83. Harrison, B.A., Ruiz-Lopez, F., Falero, G.C., Savage, H.M., Pecor, J.E., Wilkerson, R.C. *Anopheles* (Kerteszia) lepidotus (Diptera: Culicidae), not the malaria vector we thought it was: Revised male and female morphology; larva, pupa, and male genitalia characters; and molecular verification. Zootaxa. 2012(3218):1-17.
84. Hawksworth, J.S., Graybill, J.C., Brown, T.S., Wallace, S.M., Davis, T.A., Tadaki, D.K., Elster, E.A. Lymphocyte modulation with FTY720 improves hemorrhagic shock survival in Swine. PLoS One. 2012; 7(4):e34224.
85. Haynes, B.F., Gilbert, P.B., McElrath, M.J., Zolla-Pazner, S., Tomaras, G.D., Alam, S.M., Evans, D.T., Montefiori, D.C., Karnasuta, C., Sutthent, R., Liao, H.X., DeVico, A.L., Lewis, G.K., Williams, C., Pinter, A., Fong, Y., Janes, H., DeCamp, A., Huang, Y., Rao, M., Billings, E., Karasavvas, N., Robb, M.L., Ngauy, V., de Souza, M.S., Paris, R., Ferrari, G., Bailer, R.T., Soderberg, K.A., Andrews, C., Berman, P.W., Frahm, N., De Rosa, S.C., Alpert, M.D., Yates, N.L., Shen, X., Koup, R.A., Pitisuttithum, P., Kaewkungwal, J., Nitayaphan, S., Rerks-Ngarm, S., Michael, N.L., Kim, J.H. Immune-correlates analysis of an HIV-1 vaccine efficacy trial. New England Journal of Medicine. 2012; 366(14):1275-86.
86. Heitkamp, R.A., Peck, G.W., Kirkup, B.C. Maggot debridement therapy in modern army medicine: perceptions and prevalence. Military Medicine. 2012; 177(11):1411-6.
87. Hightower, A., Kinkade, C., Nguku, P.M., Anyangu, A., Mutonga, D., Omolo, J., Njenga, M.K., Feikin, D.R., Schnabel, D., Ombok, M., Breiman, R.F. Relationship of climate, geography, and geology to the incidence of Rift Valley fever in Kenya during the 2006-2007 outbreak. American Journal of Tropical Medicine and Hygiene. 2012; 86(2):373-80.
88. Hobbs, C.V., Voza, T., De La Vega, P., Vanvliet, J., Conteh, S., Penzak, S.R., Fay, M.P., Anders, N., Ilmet, T., Li, Y., Borkowsky, W., Krzych, U., Duffy, P.E., Sinnis, P. HIV nonnucleoside reverse transcriptase inhibitors and trimethoprim-sulfamethoxazole inhibit *Plasmodium* liver stages. Journal of Infectious Diseases. 2012; 206(11):1706-14.
89. Hoge, C.W., Castro, C.A. Preventing suicides in US service members and veterans: concerns after a decade of war. JAMA. 2012; 308(7):671-2.
90. Houg, H.S., Garner, J., Zhou, Y., Lyons, A., Kuschner, R., Deye, G., St Clair, K., Douce, R.W., Chicaiza, W., Blair, P.J., Myers, C.A., Burke, R.L., Sanchez, J.L., Williams, M., Halsey, E.S. Emergent 2009 influenza A(H1N1) viruses containing HA D222N mutation associated with severe clinical outcomes in the Americas. Journal of Clinical Virology. 2012; 53(1):12-5.
91. Hsiang, M.S., Hwang, J., Kunene, S., Drakeley, C., Kandula, D., Novotny, J., Parizo, J., Jensen, T., Tong, M., Kemere, J., Dlamini, S., Moonen, B., Angov, E., Dutta, S., Ockenhouse, C., Dorsey, G., Greenhouse, B. Surveillance for malaria elimination in

- Swaziland: a national cross-sectional study using pooled PCR and serology. PLoS One. 2012; 7(1):e29550.
92. Huang, X.Z., Cash, D.M., Chahine, M.A., Nikolich, M.P., Craft, D.W. Development and validation of a multiplex TaqMan real-time PCR for rapid detection of genes encoding four types of class D carbapenemase in *Acinetobacter baumannii*. Journal of Medical Microbiology. 2012; 61(Pt 11):1532-7.
93. Huang, X.Z., Chahine, M.A., Frye, J.G., Cash, D.M., Lesho, E.P., Craft, D.W., Lindler, L.E., Nikolich, M.P. Molecular analysis of imipenem-resistant *Acinetobacter baumannii* isolated from US service members wounded in Iraq, 2003-2008. Epidemiology and Infection. 2012; 140(12):2302-7.
94. Huang, X.Z., Frye, J.G., Chahine, M.A., Glenn, L.M., Ake, J.A., Su, W., Nikolich, M.P., Lesho, E.P. Characteristics of plasmids in multi-drug-resistant Enterobacteriaceae isolated during prospective surveillance of a newly opened hospital in Iraq. PLoS One. 2012; 7(7):e40360.
95. Huang, Y.M., Mathis, W.N., Wilkerson, R.C. Subgeneric position of *Aedes Dufouri* Hamon with notes on the subgenus *Levua* Stone and Bohart (Diptera: Culicidae). Proceedings of the Entomological Society of Washington. 2012; 114(2):194-204.
96. Ingram, K., Ellis, W., Keiser, J. Antischistosomal activities of mefloquine-related arylmethanols. Antimicrobial Agents and Chemotherapy. 2012; 56(6):3207-15.
97. Jacobs, K.B., Yeager, M., Zhou, W., Wacholder, S., Wang, Z., Rodriguez-Santiago, B., Hutchinson, A., Deng, X., Liu, C., Horner, M.J., Cullen, M., Epstein, C.G., Burdett, L., Dean, M.C., Chatterjee, N., Sampson, J., Chung, C.C., Kovaks, J., Gapstur, S.M., Stevens, V.L., Teras, L.T., Gaudet, M.M., Albanes, D., Weinstein, S.J., Virtamo, J., Taylor, P.R., Freedman, N.D., Abnet, C.C., Goldstein, A.M., Hu, N., Yu, K., Yuan, J.M., Liao, L., Ding, T., Qiao, Y.L., Gao, Y.T., Koh, W.P., Xiang, Y.B., Tang, Z.Z., Fan, J.H., Aldrich, M.C., Amos, C., Blot, W.J., Bock, C.H., Gillanders, E.M., Harris, C.C., Haiman, C.A., Henderson, B.E., Kolonel, L.N., Le Marchand, L., McNeill, L.H., Rybicki, B.A., Schwartz, A.G., Signorello, L.B., Spitz, M.R., Wiencke, J.K., Wrensch, M., Wu, X., Zanetti, K.A., Ziegler, R.G., Figueroa, J.D., Garcia-Closas, M., Malats, N., Marenne, G., Prokunina-Olsson, L., Baris, D., Schwenn, M., Johnson, A., Landi, M.T., Goldin, L., Consonni, D., Bertazzi, P.A., Rotunno, M., Rajaraman, P., Andersson, U., Freeman, L.E., Berg, C.D., Buring, J.E., Butler, M.A., Carreon, T., Feychting, M., Ahlbom, A., Gaziano, J.M., Giles, G.G., Hallmans, G., Hankinson, S.E., Hartge, P., Henriksson, R., Inskip, P.D., Johansen, C., Landgren, A., McKean-Cowdin, R., Michaud, D.S., Melin, B.S., Peters, U., Ruder, A.M., Sesso, H.D., Severi, G., Shu, X.O., Visvanathan, K., White, E., Wolk, A., Zeleniuch-Jacquotte, A., Zheng, W., Silverman, D.T., Kogevinas, M., Gonzalez, J.R., Villa, O., Li, D., Duell, E.J., Risch, H.A., Olson, S.H., Kooperberg, C., Wolpin, B.M., Jiao, L., Hassan, M., Wheeler, W., Arslan, A.A., Bueno-de-Mesquita, H.B., Fuchs, C.S., Gallinger, S., Gross, M.D., Holly, E.A., Klein, A.P., Lacroix, A., Mandelson, M.T., Petersen, G., Boutron-Ruault, M.C., Bracci, P.M., Canzian, F., Chang,

- K., Cotterchio, M., Giovannucci, E.L., Goggins, M., Bolton, J.A., Jenab, M., Khaw, K.T., Krogh, V., Kurtz, R.C., McWilliams, R.R., Mendelsohn, J.B., Rabe, K.G., Riboli, E., Tjonneland, A., Tobias, G.S., Trichopoulos, D., Elena, J.W., Yu, H., Amundadottir, L., Stolzenberg-Solomon, R.Z., Kraft, P., Schumacher, F., Stram, D., Savage, S.A., Mirabello, L., Andrulis, I.L., Wunder, J.S., Garcia, A.P., Sierrasesumaga, L., Barkauskas, D.A., Gorlick, R.G., Purdue, M., Chow, W.H., Moore, L.E., Schwartz, K.L., Davis, F.G., Hsing, A.W., Berndt, S.I., Black, A., Wentzensen, N., Brinton, L.A., Lissowska, J., Peplonska, B., McGlynn, K.A., Cook, M.B., Graubard, B.I., Kratz, C.P., Greene, M.H., Erickson, R.L., Hunter, D.J., Thomas, G., Hoover, R.N., Real, F.X., Fraumeni, J.F., Jr., Caporaso, N.E., Tucker, M., Rothman, N., Perez-Jurado, L.A., Chanock, S.J. Detectable clonal mosaicism and its relationship to aging and cancer. Nature Genetics. 2012; 44(6):651-8.
98. Jagodzinski, L.L., Weston, H.R., Liu, Y., O'Connell, R.J., Peel, S.A. Efficient quantification of HIV-1 in heparin plasma spiked with cultured HIV-1 by the Roche Cobas TaqMan and Abbott RealTime HIV-1 tests. Journal of Clinical Microbiology. 2012; 50(8):2804-6.
99. Janes, H., Frahm, N., Decamp, A., Rolland, M., Gabriel, E., Wolfson, J., Hertz, T., Kallas, E., Goepfert, P., Friedrich, D.P., Corey, L., Mullins, J.I., McElrath, M.J., Gilbert, P. MRKAd5 HIV-1 Gag/Pol/Nef vaccine-induced T-cell responses inadequately predict distance of breakthrough HIV-1 sequences to the vaccine or viral load. PLoS One. 2012; 7(8):e43396.
100. Jobe, O., Peachman, K.K., Matyas, G.R., Asher, L.V., Alving, C.R., Rao, M. An anti-phosphoinositide-specific monoclonal antibody that neutralizes HIV-1 infection of human monocyte-derived macrophages. Virology. 2012; 430(2):110-9.
101. Kaba, S.A., McCoy, M.E., Doll, T.A., Brando, C., Guo, Q., Dasgupta, D., Yang, Y., Mittelholzer, C., Spaccapelo, R., Crisanti, A., Burkhard, P., Lanar, D.E. Protective antibody and CD8(+) T-cell responses to the Plasmodium falciparum circumsporozoite protein induced by a nanoparticle vaccine. PLoS One. 2012; 7(10):e48304.
102. Kaewthamasorn, M., Yahata, K., Alexandre, J.S., Xangsayarath, P., Nakazawa, S., Torii, M., Sattabongkot, J., Udomsangpetch, R., Kaneko, O. Stable allele frequency distribution of the polymorphic region of SURFIN(4.2) in Plasmodium falciparum isolates from Thailand. Parasitology International. 2012; 61(2):317-23.
103. Kageha, S., Okoth, V., Kadima, S., Vihenda, S., Okapesi, E., Nyambura, E., Maiyo, A., Ndung'u, N., Khamadi, S., Mwau, M. Discrepant test findings in early infant diagnosis of HIV in a national reference laboratory in Kenya: challenges and opportunities for programs. Journal of Tropical Pediatrics. 2012; 58(4):247-52.
104. Kamau, E., Alemayehu, S., Feghali, K.C., Tolbert, L.S., Ogutu, B., Ockenhouse, C.F. Development of a TaqMan allelic discrimination assay for detection of single nucleotide polymorphisms associated with anti-malarial drug resistance. Malaria Journal. 2012; 11:23.

105. Kamnaksh, A., Kwon, S.K., Kovesdi, E., Ahmed, F., Barry, E.S., Grunberg, N.E., Long, J., Agoston, D. Neurobehavioral, cellular, and molecular consequences of single and multiple mild blast exposure. Electrophoresis. 2012; 33(24):3680-92.
106. Kane, J.D., Steinbach, T.J., Sturdivant, R.X., Burks, R.E. Sex-associated effects on hematologic and serum chemistry analytes in sand rats (*Psammomys obesus*). Journal of the American Association for Laboratory Animal Science. 2012; 51(6):769-74.
107. Karasavvas, N., Billings, E., Rao, M., Williams, C., Zolla-Pazner, S., Bailer, R.T., Koup, R.A., Madnote, S., Arworn, D., Shen, X., Tomaras, G.D., Currier, J.R., Jiang, M., Magaret, C., Andrews, C., Gottardo, R., Gilbert, P., Cardozo, T.J., Rerks-Ngarm, S., Nitayaphan, S., Pitisuttithum, P., Kaewkungwal, J., Paris, R., Greene, K., Gao, H., Gurunathan, S., Tartaglia, J., Sinangil, F., Korber, B.T., Montefiori, D.C., Mascola, J.R., Robb, M.L., Haynes, B.F., Ngauy, V., Michael, N.L., Kim, J.H., de Souza For The Moph Taveg Collaboration, M.S. The Thai Phase III HIV type 1 vaccine trial (RV144) regimen induces antibodies that target conserved regions within the V2 Loop of gp120. AIDS Research and Human Retroviruses. 2012; 28(11):1444-57.
108. Keh, C.E., Jha, A.R., Nzarubara, B., Lanar, D.E., Dutta, S., Theisen, M., Rosenthal, P.J., Dorsey, G., Nixon, D.F., Greenhouse, B. Associations between Antibodies to a Panel of Plasmodium falciparum Specific Antigens and Response to Sub-Optimal Antimalarial Therapy in Kampala, Uganda. PLoS One. 2012; 7(12):e52571.
109. Khan, F., Legler, P.M., Mease, R.M., Duncan, E.H., Bergmann-Leitner, E.S., Angov, E. Histidine affinity tags affect MSP1(42) structural stability and immunodominance in mice. Biotechnology Journal. 2012; 7(1):133-47.
110. Killgore, W.D., Capaldi, V.F., 2nd, Guerrero, M.L. Nocturnal polysomnographic correlates of daytime sleepiness. Psychological Reports. 2012; 110(1):63-72.
111. Killgore, W.D., Grugle, N.L., Balkin, T.J. Gambling when sleep deprived: don't bet on stimulants. Chronobiology International. 2012; 29(1):43-54.
112. Kim, C., McGlynn, K.A., McCorkle, R., Li, Y., Erickson, R.L., Ma, S., Niebuhr, D.W., Zhang, G., Zhang, Y., Bai, Y., Dai, L., Graubard, B.I., Zheng, T., Aschebrook-Kilfoy, B., Barry, K.H. Sexual functioning among testicular cancer survivors: A case-control study in the U.S. Journal of Psychosomatic Research. 2012; 73(1):68-73.
113. Kim, H.C., Han, S.H., Dick, C.W., Choi, Y.G., Chong, S.T., Klein, T.A., Rueda, L.M. Geographical distribution of bat flies (Diptera: Nycteribiidae and Streblidae), including two new records, Nycteribia allotopa and N. formosana, collected from bats (Chiroptera: Rhinolophidae and Vespertilionidae) in the Republic of Korea. Journal of Vector Ecology. 2012; 37(2):333-7.
114. Kirkup, B.C., Jr., Craft, D.W., Palys, T., Black, C., Heitkamp, R., Li, C., Lu, Y., Matlock,

- N., McQueary, C., Michels, A., Peck, G., Si, Y., Summers, A.M., Thompson, M., Zurawski, D.V. Traumatic wound microbiome workshop. Microbial Ecology. 2012; 64(3):837-50.
115. Klein, K., Aarons, L., Ter Kuile, F.O., Nosten, F., White, N.J., Edstein, M.D., Teja-Isavadharm, P. Population pharmacokinetics of halofantrine in healthy volunteers and patients with symptomatic falciparum malaria. Journal of Pharmacy and Pharmacology. 2012; 64(11):1603-13.
116. Kobylinski, K.C., Foy, B.D., Richardson, J.H. Ivermectin inhibits the sporogony of Plasmodium falciparum in Anopheles gambiae. Malaria Journal. 2012; 11:381.
117. Kok, B.C., Herrell, R.K., Thomas, J.L., Hoge, C.W. Posttraumatic stress disorder associated with combat service in Iraq or Afghanistan: reconciling prevalence differences between studies. Journal of Nervous and Mental Disease. 2012; 200(5):444-50.
118. Korir, J.C., Magambo, J.K., Mwatha, J.K., Waitumbi, J.N. B-cell activity in children with malaria. Malaria Journal. 2012; 11:66.
119. Kositanont, U., Prasajak, P., Trakulsomboon, S., Sangjun, N., Phulsuksombati, D. Fingerprints by pulsed-field gel electrophoresis of leptospire isolated from field rats and comparison with reference Leptospira serovars. Asian Biomedicine: Research, Reviews and News. 2012; 6(4):557-64.
120. Krairojananan, P., Sattabongkot, J., Chavalitsheewinkoon-Petmitr, P. Effect of peritrophic matrix c- type lectin (AdPMCTL) on blood-meal size in Anopheles dirus. Southeast Asian Journal of Tropical Medicine and Public Health. 2012; 43(5):1134-45.
121. Kremsner, P.G., Taylor, T., Issifou, S., Kombila, M., Chimalizeni, Y., Kawaza, K., Bouyou Akotet, M.K., Duscha, M., Mordmuller, B., Kusters, K., Humberg, A., Miller, R.S., Weina, P., Duparc, S., Mohrle, J., Kun, J.F., Planche, T., Teja-Isavadharm, P., Simpson, J.A., Kohler, C., Krishna, S. A simplified intravenous artesunate regimen for severe malaria. Journal of Infectious Diseases. 2012; 205(2):312-9.
122. Kremsner, P.G., Taylor, T., Issifou, S., Kombila, M., Chimalizeni, Y., Kawaza, K., Bouyou Akotet, M.K., Duscha, M., Mordmuller, B., Kusters, K., Humberg, A., Scott Miller, R., Weina, P., Duparc, S., Mohrle, J., Kun, J.F., Planche, T., Teja-Isavadharm, P., Simpson, J.A., Kohler, C., Krishna, S. A simplified intravenous artesunate regimen for severe malaria-reply. Journal of Infectious Diseases. 2012; 206(4):622.
123. Krzych, U., Dalai, S., Zarling, S., Pichugin, A. Memory CD8 T cells specific for plasmodia liver-stage antigens maintain protracted protection against malaria. Frontiers in Immunology. 2012; 3:370.
124. Kunz, A.N., Begum, A.A., Wu, H., D'Ambrozio, J.A., Robinson, J.M., Shafer, W.M., Bash, M.C., Jerse, A.E. Impact of fluoroquinolone resistance mutations on gonococcal

- fitness and in vivo selection for compensatory mutations. Journal of Infectious Diseases. 2012; 205(12):1821-9.
125. Lambrechts, L., Fansiri, T., Pongsiri, A., Thaisomboonsuk, B., Klungthong, C., Richardson, J.H., Ponlawat, A., Jarman, R.G., Scott, T.W. Dengue-1 virus clade replacement in Thailand associated with enhanced mosquito transmission. Journal of Virology. 2012; 86(3):1853-61.
 126. Landrum, M.L., Hullsiek, K.H., O'Connell R, J., Chun, H.M., Ganesan, A., Okulicz, J.F., Lalani, T., Weintrob, A.C., Crum-Cianflone, N.F., Agan, B.K., Infectious_Disease_Clinical_Research_Program_HIV_Working_Group. Hepatitis B vaccine antibody response and the risk of clinical AIDS or death. PLoS One. 2012; 7(3):e33488.
 127. Lapcharoen, P., Komalamisra, N., Rongsriyam, Y., Wangsuphachart, V., Dekumyoy, P., Prachumsri, J., Kajla, M.K., Paskewitz, S.M. Investigations on the role of a lysozyme from the malaria vector *Anopheles dirus* during malaria parasite development. Developmental and Comparative Immunology. 2012; 36(1):104-11.
 128. Lee, R.M.L., Lam-Phua, S.G., Tan, W.C.H., Pang, S.C., Vythilingam, I., Ng, L.C., Rueda, L.M. Mosquito fauna of Ubin Island, Singapore. Journal of the American Mosquito Control Association. 2012; 28(3):248-54.
 129. Levin, L.I., Chang, E.T., Ambinder, R.F., Lennette, E.T., Rubertone, M.V., Mann, R.B., Borowitz, M., Weir, E.G., Abbondanzo, S.L., Mueller, N.E. Atypical prediagnosis Epstein-Barr virus serology restricted to EBV-positive Hodgkin lymphoma. Blood. 2012; 120(18):3750-5.
 130. Lindler, L., Lesho, E.P., Harms, D.E., Myers, T.E., Gaydos, J.C. Influenza and wound infections: laboratory support for deployed US forces. Military Medicine. 2012; 177(3):245-7.
 131. Lindroth, E., Hunt, T.E., Skoda, S.R., Culy, M.D., Lee, D., Foster, J.E. Population genetics of the western bean cutworm (Lepidoptera: Noctuidae) across the United States. Annals of the Entomological Society of America. 2012; 105(5):685-92.
 132. Lockman, S., Hughes, M., Sawe, F., Zheng, Y., McIntyre, J., Chipato, T., Asmelash, A., Rassool, M., Kimaiyo, S., Shaffer, D., Hosseinipour, M., Mohapi, L., Ssali, F., Chibowa, M., Amod, F., Halvas, E., Hogg, E., Alston-Smith, B., Smith, L., Schooley, R., Mellors, J., Currier, J., OCTANE_(Optimal_Combination_Therapy_After_Nevirapine_Exposure)_ACTG_A5208/OCTANE_Study_Team. Nevirapine- versus Lopinavir/Ritonavir-based initial therapy for HIV-1 infection among women in Africa: a randomized trial. PLoS Medicine. 2012; 9(6):e1001236.
 133. Loh, L.C., Peik, S.M. Public health physician specialty training in Canada and the United

- States. Academic Medicine. 2012; 87(7):904-11.
134. Lumsden, J.M., Nurmukhambetova, S., Klein, J.H., Sattabongkot, J., Bennett, J.W., Bertholet, S., Fox, C.B., Reed, S.G., Ockenhouse, C.F., Howard, R.F., Polhemus, M.E., Yadava, A. Evaluation of immune responses to a Plasmodium vivax CSP-based recombinant protein vaccine candidate in combination with second-generation adjuvants in mice. Vaccine. 2012; 30(22):3311-9.
 135. Lurchachaiwong, W., Monkanna, T., Leepitakrat, S., Ponlawat, A., Sattabongkot, J., Schuster, A.L., McCardle, P.W., Richards, A.L. Variable clinical responses of a scrub typhus outbred mouse model to feeding by Orientia tsutsugamushi infected mites. Experimental & Applied Acarology. 2012; 58(1):23-34.
 136. Machain-Williams, C., Mammen, M.P., Jr., Zeidner, N.S., Beaty, B.J., Prenni, J.E., Nisalak, A., Blair, C.D. Association of human immune response to Aedes aegypti salivary proteins with dengue disease severity. Parasite Immunology. 2012; 34(1):15-22.
 137. Mahanonda, R., Sa-Ard-Iam, N., Rerkyen, P., Thitithanyanont, A., Subbalekha, K., Pichyangkul, S. MxA expression induced by alpha-defensin in healthy human periodontal tissue. European Journal of Immunology. 2012; 42(4):946-56.
 138. Manak, M., Sina, S., Anekella, B., Hewlett, I., Sanders-Buell, E., Ragupathy, V., Kim, J., Vermeulen, M., Stramer, S.L., Sabino, E., Grabarczyk, P., Michael, N., Peel, S., Garrett, P., Tovanabuttra, S., Busch, M.P., Schito, M. Pilot studies for development of an HIV subtype panel for surveillance of global diversity. AIDS Research and Human Retroviruses. 2012; 28(6):594-606.
 139. Mancuso, J.D., Mazurek, G.H., Tribble, D., Olsen, C., Aronson, N.E., Geiter, L., Goodwin, D., Keep, L.W. Discordance among commercially available diagnostics for latent tuberculosis infection. American Journal of Respiratory and Critical Care Medicine. 2012; 185(4):427-34.
 140. Martin, G., Grant, A., D'Agostino, M. Global health funding and economic development. Global Health. 2012; 8:8.
 141. Mathias, D.K., Plieskatt, J.L., Armistead, J.S., Bethony, J.M., Abdul-Majid, K.B., McMillan, A., Angov, E., Aryee, M.J., Zhan, B., Gillespie, P., Keegan, B., Jariwala, A.R., Rezende, W., Bottazzi, M.E., Scorpio, D.G., Hotez, P.J., Dinglasan, R.R. Expression, immunogenicity, histopathology, and potency of a mosquito-based malaria transmission-blocking recombinant vaccine. Infection and Immunity. 2012; 80(4):1606-14.
 142. McAvin, J.C., Kengluetcha, A., Takhampunya, R., Richardson, J.H. A field-expedient method for detection of leptospirosis causative agents in rodents. U.S. Army Medical Department Journal. 2012:22-8.

143. McAvin, J.C., Swanson, K.I., Chan, A.S., Quintana, M., Coleman, R.E. Leishmania detection in sand flies using a field-deployable real-time analytic system. Military Medicine. 2012; 177(4):460-6.
144. McGann, P., Hang, J., Clifford, R.J., Yang, Y., Kwak, Y.I., Kuschner, R.A., Lesho, E.P., Waterman, P.E. Complete sequence of a novel 178-kilobase plasmid carrying bla(NDM-1) in a Providencia stuartii strain isolated in Afghanistan. Antimicrobial Agents and Chemotherapy. 2012; 56(4):1673-9.
145. McLinden, R.J., Paris, R.M., Polonis, V.R., Close, N.C., Su, Z., Shikuma, C.M., Margolis, D.M., Kim, J.H. Association of HIV neutralizing antibody with lower viral load after treatment interruption in a prospective trial (A5170). AIDS. 2012; 26(1):1-9.
146. McQueary, C.N., Kirkup, B.C., Si, Y., Barlow, M., Actis, L.A., Craft, D.W., Zurawski, D.V. Extracellular stress and lipopolysaccharide modulate Acinetobacter baumannii surface-associated motility. Journal of Microbiology. 2012; 50(3):434-43.
147. Mendoza, D., Johnson, S.A., Peterson, B.A., Natarajan, V., Salgado, M., Dewar, R.L., Burbelo, P.D., Doria-Rose, N.A., Graf, E.H., Greenwald, J.H., Hodge, J.N., Thompson, W.L., Cogliano, N.A., Chairez, C.L., Rehm, C.A., Jones, S., Hallahan, C.W., Kovacs, J.A., Sereti, I., Sued, O., Peel, S.A., O'Connell, R.J., O'Doherty, U., Chun, T.W., Connors, M., Migueles, S.A. Comprehensive analysis of unique cases with extraordinary control over HIV replication. Blood. 2012; 119(20):4645-55.
148. Michael, N.L. Rare serotype adenoviral vectors for HIV vaccine development. Journal of Clinical Investigation. 2012; 122(1):25-7.
149. Michael, N.L. Cooling off the host immune response to acute simian immunodeficiency virus infection--is less more? Journal of Infectious Diseases. 2012.
150. Miller, R.S., Li, Q., Cantilena, L.R., Leary, K.J., Saviolakis, G.A., Melendez, V., Smith, B., Weina, P.J. Pharmacokinetic profiles of artesunate following multiple intravenous doses of 2, 4, and 8 mg/kg in healthy volunteers: Phase 1b study. Malaria Journal. 2012; 11:255.
151. Milner, E., Sousa, J., Pybus, B., Auschwitz, J., Caridha, D., Gardner, S., Grauer, K., Harris, E., Hickman, M., Kozar, M.P., Lee, P., Leed, S., Li, Q., Melendez, V., Moon, J., Ngundam, F., O'Neil, M., Parriott, S., Potter, B., Sciotti, R., Tangteung, A., Dow, G.S. Ketotifen is an antimalarial prodrug of norketotifen with blood schizonticidal and liver-stage efficacy. European Journal of Drug Metabolism and Pharmacokinetics. 2012; 37(1):17-22.
152. Molloy, J.M., Feltwell, D.N., Scott, S.J., Niebuhr, D.W. Physical training injuries and interventions for military recruits. Military Medicine. 2012; 177(5):553-8 W.
153. Mondello, S., Gabrielli, A., Catani, S., D'Ippolito, M., Jeromin, A., Ciaramella, A., Bossu,

- P., Schmid, K., Tortella, F., Wang, K.K., Hayes, R.L., Formisano, R. Increased levels of serum MAP-2 at 6-months correlate with improved outcome in survivors of severe traumatic brain injury. Brain Injury. 2012; 26(13-14):1629-35.
154. Mondello, S., Gabrielli, A., Catani, S., D'Ippolito, M., Seaney, J.M., Schmid, K., Tortella, F., Wang, K., Hayes, R., Formisano, R. Serum MAP-2 levels at 6 months after Severe Traumatic Brain Injury Correlate with Outcome. Brain Injury. 2012; 26(4-5):718.
155. Mondello, S., Jeromin, A., Buki, A., Bullock, R., Czeiter, E., Kovacs, N., Barzo, P., Schmid, K., Tortella, F., Wang, K.K., Hayes, R.L. Glial neuronal ratio: a novel index for differentiating injury type in patients with severe traumatic brain injury. Journal of Neurotrauma. 2012; 29(6):1096-104.
156. Mondello, S., Linnet, A., Buki, A., Robicsek, S., Gabrielli, A., Tepas, J., Papa, L., Brophy, G.M., Tortella, F., Hayes, R.L., Wang, K.K. Clinical utility of serum levels of ubiquitin C-terminal hydrolase as a biomarker for severe traumatic brain injury. Neurosurgery. 2012; 70(3):666-75.
157. Montefiori, D.C., Karnasuta, C., Huang, Y., Ahmed, H., Gilbert, P., de Souza, M.S., McLinden, R., Tovanabutra, S., Laurence-Chenine, A., Sanders-Buell, E., Moody, M.A., Bonsignori, M., Ochsenbauer, C., Kappes, J., Tang, H., Greene, K., Gao, H., Labranche, C.C., Andrews, C., Polonis, V.R., Rerks-Ngarm, S., Pitisuttithum, P., Nitayaphan, S., Kaewkungwal, J., Self, S.G., Berman, P.W., Francis, D., Sinangil, F., Lee, C., Tartaglia, J., Robb, M.L., Haynes, B.F., Michael, N.L., Kim, J.H. Magnitude and breadth of the neutralizing antibody response in the RV144 and Vax003 HIV-1 vaccine efficacy trials. Journal of Infectious Diseases. 2012; 206(3):431-41.
158. Moon, J.J., Suh, H., Li, A.V., Ockenhouse, C.F., Yadava, A., Irvine, D.J. Enhancing humoral responses to a malaria antigen with nanoparticle vaccines that expand Tfh cells and promote germinal center induction. Proceedings of the National Academy of Sciences of the United States of America. 2012; 109(4):1080-5.
159. Moon, J.J., Suh, H., Polhemus, M.E., Ockenhouse, C.F., Yadava, A., Irvine, D.J. Antigen-displaying lipid-enveloped PLGA nanoparticles as delivery agents for a Plasmodium vivax malaria vaccine. PLoS One. 2012; 7(2):e31472.
160. Moon-Massat, P., Scultetus, A., Arnaud, F., Brown, A., Haque, A., Saha, B., Kim, B., Sagini, E., McGwin, G., Jr., Aufer, C., McCarron, R., Freilich, D. The effect HBOC-201 and sodium nitrite resuscitation after uncontrolled haemorrhagic shock in swine. Injury. 2012; 43(5):638-47.
161. Moore, C.E., Blacksell, S.D., Taojaikong, T., Jarman, R.G., Gibbons, R.V., Lee, S.J., Chansamouth, V., Thongpaseuth, S., Mayxay, M., Newton, P.N. A prospective assessment of the accuracy of commercial IgM ELISAs in diagnosis of Japanese encephalitis virus infections in patients with suspected central nervous system infections in Laos. American Journal of Tropical Medicine and Hygiene. 2012; 87(1):171-8.

162. Moore, N.L., Gauchan, S., Genovese, R.F. Differential severity of angiogenic effects resulting from a brief swim or underwater trauma in adolescent male rats. Pharmacology, Biochemistry, and Behavior. 2012; 102(2):264-8.
163. Moran, E.E., Burden, R., Labrie, J.E., 3rd, Wen, Z., Wang, X.M., Zollinger, W.D., Zhang, L., Pinto, V.B. Analysis of the bactericidal response to an experimental *Neisseria meningitidis* vesicle vaccine. Clinical and Vaccine Immunology. 2012; 19(5):659-65.
164. Mukhopadhyay, J., Braig, H.R., Rowton, E.D., Ghosh, K. Naturally occurring culturable aerobic gut flora of adult *Phlebotomus papatasi*, vector of *Leishmania major* in the Old World. PLoS One. 2012; 7(5):e35748.
165. Mullis, C.E., Oliver, A.E., Eller, L.A., Guwatudde, D., Mueller, A.C., Eller, M.A., Kibuuka, H., Robb, M., Quinn, T.C., Redd, A.D. Short communication: Colony-forming hematopoietic progenitor cells are not preferentially infected by HIV type 1 subtypes A and D in vivo. AIDS Research and Human Retroviruses. 2012; 28(9):919-23.
166. Murakami, Y., Wei, G., Yang, X., Lu, X.C., Leung, L.Y., Shear, D.A., Tortella, F.C. Brain oxygen tension monitoring following penetrating ballistic-like brain injury in rats. Journal of Neuroscience Methods. 2012; 203(1):115-21.
167. Murgia, M.V., Rauf, A., Tang, Y., Gingerich, E., Lee, C.W., Saif, Y.M. Prevalence of parvoviruses in commercial turkey flocks. Avian Dis. 2012; 56(4):744-9.
168. Mydlarz, D. Degenerative disc disease, active component, U.S. Armed Forces, 2001-2011. MSMR. 2012; 19(5):6-9.
169. Myers, T.M., Sun, W., Naik, R.S., Clark, M.G., Doctor, B.P., Saxena, A. Characterization of human serum butyrylcholinesterase in rhesus monkeys: Behavioral and physiological effects. Neurotoxicology and Teratology. 2012; 34(3):323-30.
170. Nash, M.A., Waitumbi, J.N., Hoffman, A.S., Yager, P., Stayton, P.S. Multiplexed enrichment and detection of malarial biomarkers using a stimuli-responsive iron oxide and gold nanoparticle reagent system. ACS Nano. 2012; 6(8):6776-85.
171. Ng, T.F., Marine, R., Wang, C., Simmonds, P., Kapusinszky, B., Bodhidatta, L., Oderinde, B.S., Wommack, K.E., Delwart, E. High variety of known and new RNA and DNA viruses of diverse origins in untreated sewage. Journal of Virology. 2012; 86(22):12161-75.
172. Nitayaphan, S., Ngaui, V., O'Connell, R., Excler, J.L. HIV epidemic in Asia: optimizing and expanding vaccine development. Expert Review of Vaccines. 2012; 11(7):805-19.
173. O'Connell, R.J., Kim, J.H., Corey, L., Michael, N.L. Human immunodeficiency virus vaccine trials. Cold Spring Harbor Perspectives in Medicine. 2012; 2(12).

174. O'Connor, F.G., Bergeron, M.F., Cantrell, J., Connes, P., Harmon, K.G., Ivy, E., Kark, J., Klossner, D., Lisman, P., Meyers, B.K., O'Brien, K., Ohene-Frempong, K., Thompson, A.A., Whitehead, J., Deuster, P.A. ACSM and CHAMP summit on sickle cell trait: mitigating risks for warfighters and athletes. Medicine and Science in Sports and Exercise. 2012; 44(11):2045-56.
175. Owuor, B.O., Ochanda, J.O., Kokwaro, J.O., Cheruiyot, A.C., Yeda, R.A., Okudo, C.A., Akala, H.M. In vitro antiplasmodial activity of selected Luo and Kuria medicinal plants. J Ethnopharmacol. 2012; 144(3):779-81.
176. Packnett, E.R., Gubata, M.E., Cowan, D.N., Niebuhr, D.W. Temporal trends in the epidemiology of disabilities related to posttraumatic stress disorder in the u.s. Army and marine corps from 2005-2010. Journal of Traumatic Stress. 2012; 25(5):485-93.
177. Page, W.F., Chubb, M., Feng, X., Fan, L.Y., Li, Y., Weber, N.S., Levin, L.I., Niebuhr, D.W. National estimates of seroincidence and seroprevalence for herpes simplex virus type 1 and type 2 among US military adults aged 18 to 29 years. Sexually Transmitted Diseases. 2012; 39(4):241-50.
178. Paolino, K.M., Henry, J.A., Hospenthal, D.R., Wortmann, G.W., Hartzell, J.D. Invasive fungal infections following combat-related injury. Military Medicine. 2012; 177(6):681-5.
179. Papa, L., Lewis, L.M., Falk, J.L., Zhang, Z., Silvestri, S., Giordano, P., Brophy, G.M., Demery, J.A., Dixit, N.K., Ferguson, I., Liu, M.C., Mo, J., Akinyi, L., Schmid, K., Mondello, S., Robertson, C.S., Tortella, F.C., Hayes, R.L., Wang, K.K. Elevated levels of serum glial fibrillary acidic protein breakdown products in mild and moderate traumatic brain injury are associated with intracranial lesions and neurosurgical intervention. Annals of Emergency Medicine. 2012; 59(6):471-83.
180. Papa, L., Lewis, L.M., Silvestri, S., Falk, J.L., Giordano, P., Brophy, G.M., Demery, J.A., Liu, M.C., Mo, J., Akinyi, L., Mondello, S., Schmid, K., Robertson, C.S., Tortella, F.C., Hayes, R.L., Wang, K.K. Serum levels of ubiquitin C-terminal hydrolase distinguish mild traumatic brain injury from trauma controls and are elevated in mild and moderate traumatic brain injury patients with intracranial lesions and neurosurgical intervention. Journal of Trauma and Acute Care Surgery. 2012; 72(5):1335-44.
181. Paris, R., Bejrachandra, S., Thongcharoen, P., Nitayaphan, S., Pitisuttithum, P., Sambor, A., Gurunathan, S., Francis, D., Ratto-Kim, S., Karnasuta, C., de Souza, M.S., Polonis, V.R., Brown, A.E., Kim, J.H., Stephens, H.A., Thai_AIDS_Vaccine_Evaluation_Group. HLA class II restriction of HIV-1 clade-specific neutralizing antibody responses in ethnic Thai recipients of the RV144 prime-boost vaccine combination of ALVAC-HIV and AIDSVAX((R)) B/E. Vaccine. 2012; 30(5):832-6.
182. Peachman, K.K., Li, Q., Matyas, G.R., Shivachandra, S.B., Lovchik, J., Lyons, R.C.,

- Alving, C.R., Rao, V.B., Rao, M. Anthrax vaccine antigen-adjuvant formulations completely protect New Zealand white rabbits against challenge with Bacillus anthracis ames strain spores. Clinical and Vaccine Immunology. 2012; 19(1):11-6.
183. Peck, G.W., Kirkup, B.C. Biocompatibility of antimicrobials to maggot debridement therapy: medical maggots *Lucilia sericata* (Diptera: Calliphoridae) exhibit tolerance to clinical maximum doses of antimicrobials. Journal of Medical Entomology. 2012; 49(5):1137-43.
184. Peik, S.M., Pollack, K.M., Canham-Chervak, M., Hauret, K.G., Baker, S.P. Injuries to deployed U.S. Army soldiers involved in HMMWV crashes, 2002-2006. Military Medicine. 2012; 177(8):963-9.
185. Peric, M., Fajdetic, A., Rupcic, R., Alihodzic, S., Zihher, D., Bukvic Krajacic, M., Smith, K.S., Ivezic-Schonfeld, Z., Padovan, J., Landek, G., Jelic, D., Hutinec, A., Mesic, M., Ager, A., Ellis, W.Y., Milhous, W.K., Ohrt, C., Spaventi, R. Antimalarial activity of 9a-N substituted 15-membered azalides with improved in vitro and in vivo activity over azithromycin. Journal of Medicinal Chemistry. 2012; 55(3):1389-401.
186. Perkins, M.W., Pierre, Z., Sabnekar, P., Sciuto, A.M., Song, J., Soojhawon, I., Oguntayo, S., Doctor, B.P., Nambiar, M.P. Aerosolized delivery of oxime MMB-4 in combination with atropine sulfate protects against soman exposure in guinea pigs. Inhalation Toxicology. 2012; 24(9):539-49.
187. Phasomkusolsil, S., Tanskul, P., Ratanatham, S., Watcharapichat, P., Phulsuksombati, D., Frances, S.P., Lerdthusnee, K., Linthicum, K.J. Influence of *Orientia tsutsugamushi* infection on the developmental biology of *Leptotrombidium imphalum* and *Leptotrombidium chiangraiensis* (Acari: Trombiculidae). Journal of Medical Entomology. 2012; 49(6):1270-5.
188. Piccirillo, A.L., Gubata, M.E., Blandford, C.D., Packnett, E.R., Cowan, D.N., Niebuhr, D.W. Temporary disability retirement cases: variations in time to final disposition and disability rating by service and medical condition. Military Medicine. 2012; 177(4):417-22.
189. Pizarro, J.M., Chang, W.E., Bah, M.J., Wright, L.K., Saviolakis, G.A., Alagappan, A., Robison, C.L., Shah, J.D., Meyerhoff, J.L., Cerasoli, D.M., Midboe, E.G., Lumley, L.A. Repeated exposure to sublethal doses of the organophosphorus compound VX activates BDNF expression in mouse brain. Toxicological Sciences. 2012; 126(2):497-505.
190. Plaeger, S.F., Collins, B.S., Musib, R., Deeks, S.G., Read, S., Embry, A. Immune activation in the pathogenesis of treated chronic HIV disease: a workshop summary. AIDS Research and Human Retroviruses. 2012; 28(5):469-77.
191. Porter, K.A., Cole, S.R., Eron, J.J., Jr., Zheng, Y., Hughes, M.D., Lockman, S., Poole, C., Skinner-Adams, T.S., Hosseinipour, M., Shaffer, D., D'Amico, R., Sawe, F.K., Siika, A.,

- Stringer, E., Currier, J.S., Chipato, T., Salata, R., McCarthy, J.S., Meshnick, S.R. HIV-1 protease inhibitors and clinical malaria: a secondary analysis of the AIDS clinical trials group A5208 study. Antimicrobial Agents and Chemotherapy. 2012; 56(2):995-1000.
192. Posse, S., Ackley, E., Mutihac, R., Rick, J., Shane, M., Murray-Krezan, C., Zaitsev, M., Speck, O. Enhancement of temporal resolution and BOLD sensitivity in real-time fMRI using multi-slab echo-volumar imaging. Neuroimage. 2012; 61(1):115-30.
193. Pybus, B.S., Sousa, J.C., Jin, X., Ferguson, J.A., Christian, R.E., Barnhart, R., Vuong, C., Sciotti, R.J., Reichard, G.A., Kozar, M.P., Walker, L.A., Ohrt, C., Melendez, V. CYP450 phenotyping and accurate mass identification of metabolites of the 8-aminoquinoline, anti-malarial drug primaquine. Malaria Journal. 2012; 11:259.
194. Rajaraman, S., Ramakrishnan, S., Thorsley, D., Wesensten, N.J., Balkin, T.J., Reifman, J. A new metric for quantifying performance impairment on the psychomotor vigilance test. Journal of Sleep Research. 2012; 21(6):659-74.
195. Ranallo, R.T., Fonseka, S., Boren, T.L., Bedford, L.A., Kaminski, R.W., Thakkar, S., Venkatesan, M.M. Two live attenuated *Shigella flexneri* 2a strains WRSf2G12 and WRSf2G15: A new combination of gene deletions for 2nd generation live attenuated vaccine candidates. Vaccine. 2012; 30(34):5159-71.
196. Rangwala, F., Putharoen, O., Bowonwatanuwong, C., Edwards-Jackson, N., Kramomthong, S., Kim, J.H., Corey, G.R., Ananworanich, J. Histoplasmosis and penicilliosis among Hiv-infected Thai patients: a retrospective review. Southeast Asian Journal of Tropical Medicine and Public Health. 2012; 43(2):436-41.
197. Ratto-Kim, S., Currier, J.R., Cox, J.H., Excler, J.L., Valencia-Micolta, A., Thelian, D., Lo, V., Sayeed, E., Polonis, V.R., Earl, P.L., Moss, B., Robb, M.L., Michael, N.L., Kim, J.H., Marovich, M.A. Heterologous prime-boost regimens using rAd35 and rMVA vectors elicit stronger cellular immune responses to HIV proteins than homologous regimens. PLoS One. 2012; 7(9):e45840.
198. Reinbold-Wasson, D.D., Sardelis, M.R., Jones, J.W., Watts, D.M., Fernandez, R., Carbajal, F., Pecor, J.E., Calampa, C., Klein, T.A., Turell, M.J. Determinants of Anopheles seasonal distribution patterns across a forest to periurban gradient near Iquitos, Peru. American Journal of Tropical Medicine and Hygiene. 2012; 86(3):459-63.
199. Richie, T.L., Charoenvit, Y., Wang, R., Epstein, J.E., Hedstrom, R.C., Kumar, S., Luke, T.C., Freilich, D.A., Aguiar, J.C., Sacci, J.B., Sedegah, M., Nosek, R.A., De La Vega, P., Berzins, M.P., Majam, V.F., Abot, E.N., Ganeshan, H., Richie, N.O., Banania, J.G., Baraceros, M.F., Geter, T.G., Mere, R., Bebris, L., Limbach, K., Hickey, B.W., Lanar, D.E., Ng, J., Shi, M., Hobart, P.M., Norman, J.A., Soisson, L.A., Hollingdale, M.R., Rogers, W.O., Doolan, D.L., Hoffman, S.L. Clinical trial in healthy malaria-naive adults to evaluate the safety, tolerability, immunogenicity and efficacy of MuStDO5, a five-gene, sporozoite/hepatic stage *Plasmodium falciparum* DNA vaccine combined with

- escalating dose human GM-CSF DNA. Human Vaccines & Immunotherapeutics. 2012; 8(11):1564-84.
200. Ripoll, D.R., Khavrutskii, I.V., Chaudhury, S., Liu, J., Kuschner, R.A., Wallqvist, A., Reifman, J. Quantitative predictions of binding free energy changes in drug-resistant influenza neuraminidase. PLoS Computational Biology. 2012; 8(8):e1002665.
201. Riviere, L.A., Merrill, J.C., Thomas, J.L., Wilk, J.E., Bliese, P.D. 2003-2009 marital functioning trends among U.S. enlisted soldiers following combat deployments. Military Medicine. 2012; 177(10):1169-77.
202. Robb, M.L., Rerks-Ngarm, S., Nitayaphan, S., Pitisuttithum, P., Kaewkungwal, J., Kunasol, P., Khamboonruang, C., Thongcharoen, P., Morgan, P., Benenson, M., Paris, R.M., Chiu, J., Adams, E., Francis, D., Gurunathan, S., Tartaglia, J., Gilbert, P., Stablein, D., Michael, N.L., Kim, J.H. Risk behaviour and time as covariates for efficacy of the HIV vaccine regimen ALVAC-HIV (vCP1521) and AIDSVAX B/E: a post-hoc analysis of the Thai phase 3 efficacy trial RV 144. Lancet Infectious Diseases. 2012; 12(7):531-7.
203. Rodkvamtook, W., Prasartvit, A., Jatisatienr, C., Jatisatienr, A., Gaywee, J., Eamsobhana, P. Efficacy of plant essential oils for the repellents against chiggers (*Leptotrombidium imphalum*) vector of scrub typhus. Journal of the Medical Association of Thailand. 2012; 95(Suppl. 5):S103-6.
204. Rolland, M., Edlefsen, P.T., Larsen, B.B., Tovanabutra, S., Sanders-Buell, E., Hertz, T., deCamp, A.C., Carrico, C., Menis, S., Magaret, C.A., Ahmed, H., Juraska, M., Chen, L., Konopa, P., Nariya, S., Stoddard, J.N., Wong, K., Zhao, H., Deng, W., Maust, B.S., Bose, M., Howell, S., Bates, A., Lazzaro, M., O'Sullivan, A., Lei, E., Bradfield, A., Ibitamuno, G., Assawadarachai, V., O'Connell, R.J., deSouza, M.S., Nitayaphan, S., Rerks-Ngarm, S., Robb, M.L., McLellan, J.S., Georgiev, I., Kwong, P.D., Carlson, J.M., Michael, N.L., Schief, W.R., Gilbert, P.B., Mullins, J.I., Kim, J.H. Increased HIV-1 vaccine efficacy against viruses with genetic signatures in Env V2. Nature. 2012; 490(7420):417-20.
205. Rolland, M., Gilbert, P. Evaluating immune correlates in HIV type 1 vaccine efficacy trials: what RV144 may provide. AIDS Research and Human Retroviruses. 2012; 28(4):400-4.
206. Rossetti, F., de Araujo Furtado, M., Pak, T., Bailey, K., Shields, M., Chanda, S., Addis, M., Robertson, B.D., Moffett, M., Lumley, L.A., Yourick, D.L. Combined diazepam and HDAC inhibitor treatment protects against seizures and neuronal damage caused by soman exposure. Neurotoxicology. 2012; 33(3):500-11.
207. Ruiz-Lopez, F., Wilkerson, R.C., Conn, J.E., McKeon, S.N., Levin, D.M., Quinones, M.L., Pova, M.M., Linton, Y.M. DNA barcoding reveals both known and novel taxa in the Albitarsis Group (*Anopheles*: *Nyssorhynchus*) of Neotropical malaria vectors. Parasites & Vectors. 2012; 5:44.

208. Rupp, T.L., Wesensten, N.J., Balkin, T.J. Trait-like vulnerability to total and partial sleep loss. Sleep. 2012; 35(8):1163-72.
209. Rupp, T.L., Wesensten, N.J., Newman, R., Balkin, T.J. PER3 and ADORA2A polymorphisms impact neurobehavioral performance during sleep restriction. Journal of Sleep Research. 2012.
210. Rutvisuttinunt, W., Arroyo, M.A., Assawadarachai, V., Poltavee, K., McCutchan, F.E., Tovanabutra, S., Kijak, G., Kim, J.H., Paris, R.M., de Souza, M. Use of dried blood spots for HIV-1 genotyping in southeast Asia: Thailand experience. Southeast Asian Journal of Tropical Medicine and Public Health. 2012; 43(2):333-9.
211. Rutvisuttinunt, W., Chaorattanakawee, S., Tyner, S.D., Teja-Isavadharm, P., Se, Y., Yingyuen, K., Chaichana, P., Bethell, D., Walsh, D.S., Lon, C., Fukuda, M., Socheat, D., Noedl, H., Schaecher, K., Saunders, D.L. Optimizing the HRP-2 in vitro malaria drug susceptibility assay using a reference clone to improve comparisons of Plasmodium falciparum field isolates. Malaria Journal. 2012; 11:325.
212. Rutvisuttinunt, W., Sirivichayakul, S., Oota, S., Assawadarachai, V., Poltavee, K., Savadsuk, H., Pattanachaiwit, S., Chaemchuen, S., Arroyo, M.A., Paris, R.M., Michael, N.L., Kim, J.H., Ruxrungtham, K., de Souza, M., Phanuphak, P., Tovanabutra, S. Two unique recombinant forms identified in incident HIV type 1 infections in Thai blood donors. AIDS Research and Human Retroviruses. 2012; 28(12):1703-11.
213. Ryan, E.J., Kim, C.H., Muller, M.D., Bellar, D.M., Barkley, J.E., Bliss, M.V., Jankowski-Wilkinson, A., Russell, M., Otterstetter, R., Macander, D., Glickman, E.L., Kamimori, G.H. Low-dose caffeine administered in chewing gum does not enhance cycling to exhaustion. Journal of Strength and Conditioning Research. 2012; 26(3):844-50.
214. Sailasuta, N., Ross, W., Ananworanich, J., Chalermchai, T., Degruittola, V., Lerdlum, S., Pothisri, M., Busovaca, E., Ratto-Kim, S., Jagodzinski, L., Spudich, S., Michael, N., Kim, J.H., Valcour, V. Change in brain magnetic resonance spectroscopy after treatment during acute HIV infection. PLoS One. 2012; 7(11):e49272.
215. Sakamoto, H., Takeo, S., Maier, A.G., Sattabongkot, J., Cowman, A.F., Tsuboi, T. Antibodies against a Plasmodium falciparum antigen PfMSPDBL1 inhibit merozoite invasion into human erythrocytes. Vaccine. 2012; 30(11):1972-80.
216. Salje, H., Lessler, J., Endy, T.P., Curriero, F.C., Gibbons, R.V., Nisalak, A., Nimmannitya, S., Kalayanaroj, S., Jarman, R.G., Thomas, S.J., Burke, D.S., Cummings, D.A. Revealing the microscale spatial signature of dengue transmission and immunity in an urban population. Proceedings of the National Academy of Sciences of the United States of America. 2012; 109(24):9535-8.
217. Saunders, D., Khemawoot, P., Vanachayangkul, P., Siripokasupkul, R., Bethell, D., Tyner,

- S., Se, Y., Rutvisuttinunt, W., Sriwichai, S., Chanthap, L., Lin, J., Timmermans, A., Socheat, D., Ringwald, P., Noedl, H., Smith, B., Fukuda, M., Teja-Isavadharm, P. Pharmacokinetics and pharmacodynamics of oral artesunate monotherapy in patients with uncomplicated *Plasmodium falciparum* malaria in western Cambodia. Antimicrobial Agents and Chemotherapy. 2012; 56(11):5484-93.
218. Sawe, F., Lockman, S. To B or not to B? That is the question, for global mother-to-child HIV-1 transmission prevention programs. Clinical Infectious Diseases. 2012.
219. Sawe, F.K. Access to universal HIV care and prevention services: light at the end of a long tunnel? Clinical Infectious Diseases. 2012; 54(1):119-20.
220. Schmid, K.E., Tortella, F.C. The diagnosis of traumatic brain injury on the battlefield. Frontiers in Neurology. 2012; 3:90.
221. Schwarz, E., Guest, P.C., Rahmoune, H., Martins-de-Souza, D., Niebuhr, D.W., Weber, N.S., Cowan, D.N., Yolken, R.H., Spain, M., Barnes, A., Bahn, S. Identification of a blood-based biological signature in subjects with psychiatric disorders prior to clinical manifestation. World Journal of Biological Psychiatry. 2012; 13(8):627-32.
222. Scott, P.T., Hakre, S., Myles, O., Sanders-Buell, E.E., Kijak, G.H., McCutchan, F.E., O'Connell, R.J., Peel, S.A., Eggleston, J.C., Sateren, W.B., Robb-McGrath, M., Mott, R.L., Tobler, S.K., Nolan, E., Petruccelli, B.P., Michael, N.L., Cersovsky, S.B. Short communication: Investigation of incident HIV infections among U.S. Army soldiers deployed to Afghanistan and Iraq, 2001-2007. AIDS Research and Human Retroviruses. 2012; 28(10):1308-12.
223. Sergueev, K.V., Nikolich, M.P., Filippov, A.A. Field and clinical applications of advanced bacteriophage-based detection of *Yersinia pestis*. Advances in Experimental Medicine and Biology. 2012; 954:135-41.
224. Shaffer, D.N., Obiero, E.T., Bett, J.B., Kiptoo, I.N., Maswai, J.K., Sawe, F.K., Carter, E.J. Successes and challenges in an integrated tuberculosis/HIV clinic in a rural, resource-limited setting: experiences from Kericho, Kenya. AIDS Research and Treatment. 2012; 2012:238012.
225. Shakya, G., Kim, D.W., Clemens, J.D., Malla, S., Upadhyaya, B.P., Dumre, S.P., Shrestha, S.D., Adhikari, S., Sharma, S., Rijal, N., Shrestha, S.K., Mason, C., Kansakar, P. Phenotypic and genetic characterization of *Vibrio cholerae* O1 clinical isolates collected through national antimicrobial resistance surveillance network in Nepal. World Journal of Microbiology & Biotechnology. 2012; 28(8):2671-8.
226. Sholukh, A.M., Mukhtar, M.M., Humbert, M., Essono, S.S., Watkins, J.D., Vyas, H.K., Shanmuganathan, V., Hemashettar, G., Kahn, M., Hu, S.L., Montefiori, D.C., Polonis, V.R., Schur, P.H., Ruprecht, R.M. Isolation of monoclonal antibodies with predetermined conformational epitope specificity. PLoS One. 2012; 7(6):e38943.

227. Sikorski, C., Emerson, M.A., Cowan, D.N., Niebuhr, D.W. Risk factors for medical disability in US enlisted marines: fiscal years 2001 to 2009. Military Medicine. 2012; 177(2):128-34.
228. Sipos, M.L., Foran, H.M., Crane, M.L., Wood, M.D., Wright, K.M. Postdeployment behavioral health screening: face-to-face versus virtual behavioral health interviews. Military Medicine. 2012; 177(5):525-30.
229. Skinner-Adams, T.S., Butterworth, A.S., Porter, K.A., D'Amico, R., Sawe, F., Shaffer, D., Siika, A., Hosseinipour, M.C., Stringer, E., Currier, J.S., Chipato, T., Salata, R., Lockman, S., Eron, J.J., Meshnick, S.R., McCarthy, J.S. The frequency of malaria is similar among women receiving either lopinavir/ritonavir or nevirapine-based antiretroviral treatment. PLoS One. 2012; 7(4):e34399.
230. Sparvero, L.J., Amoscato, A.A., Dixon, C.E., Long, J.B., Kochanek, P.M., Pitt, B.R., Bayir, H., Kagan, V.E. Mapping of phospholipids by MALDI imaging (MALDI-MSI): realities and expectations. Chemistry and Physics of Lipids. 2012; 165(5):545-62.
231. Spaulding, A.B., Lifson, A.R., Iverson, E.R., Ganesan, A., Landrum, M.L., Weintrob, A.C., Agan, B.K., Bavaro, M.F., O'Connell, R.J., Macalino, G.E. Gonorrhoea or chlamydia in a US military HIV-positive cohort. Sexually Transmitted Infections. 2012; 88(4):266-71.
232. Spinella, P.C., Dunne, J., Beilman, G.J., O'Connell, R.J., Borgman, M.A., Cap, A.P., Rentas, F. Constant challenges and evolution of US military transfusion medicine and blood operations in combat. Transfusion. 2012; 52(5):1146-53.
233. Srikiatkachorn, A., Rothman, A.L., Gibbons, R.V., Sittisombut, N., Malasit, P., Ennis, F.A., Nimmannitya, S., Kalayanarooj, S. Reply to Akbar et al. Clinical Infectious Diseases. 2012; 54(12):1821-2.
234. Srikiatkachorn, A., Wichit, S., Gibbons, R.V., Green, S., Libraty, D.H., Endy, T.P., Ennis, F.A., Kalayanarooj, S., Rothman, A.L. Dengue viral RNA levels in peripheral blood mononuclear cells are associated with disease severity and preexisting dengue immune status. PLoS One. 2012; 7(12):e51335.
235. Starzengruber, P., Swoboda, P., Fuehrer, H.P., Khan, W.A., Hofecker, V., Siedl, A., Fally, M., Graf, O., Teja-Isavadharm, P., Haque, R., Ringwald, P., Noedl, H. Current status of artemisinin-resistant falciparum malaria in south Asia: a randomized controlled artesunate monotherapy trial in Bangladesh. PLoS One. 2012; 7(12):e52236.
236. Steers, N.J., Ratto-Kim, S., de Souza, M.S., Currier, J.R., Kim, J.H., Michael, N.L., Alving, C.R., Rao, M. HIV-1 envelope resistance to proteasomal cleavage: implications for vaccine induced immune responses. PLoS One. 2012; 7(8):e42579.

237. Steinhardt, L., Magill, A., Arguin, P. In response. American Journal of Tropical Medicine and Hygiene. 2012; 87(1):192.
238. Stephenson, K.E., Li, H., Walker, B.D., Michael, N.L., Barouch, D.H. Gag-specific cellular immunity determines in vitro viral inhibition and in vivo virologic control following simian immunodeficiency virus challenges of vaccinated rhesus monkeys. Journal of Virology. 2012; 86(18):9583-9.
239. Stewart, B., Rose, C.E., Tokars, J.I., Martin, S.W., Keitel, W.A., Keyserling, H.L., Babcock, J., Parker, S.D., Jacobson, R.M., Poland, G.A., McNeil, M.M. Health-related quality of life in the CDC Anthrax Vaccine Adsorbed Human Clinical Trial. Vaccine. 2012; 30(40):5875-9.
240. Swierczewski, B., Odundo, E., Ndongye, J., Kirera, R., Odhiambo, C., Oaks, E. Comparison of the triage micro parasite panel and microscopy for the detection of *Entamoeba histolytica/Entamoeba dispar*, *Giardia lamblia*, and *Cryptosporidium parvum* in stool samples collected in Kenya. Journal of Tropical Medicine. 2012; 2012:564721.
241. Tachibana, M., Sato, C., Otsuki, H., Sattabongkot, J., Kaneko, O., Torii, M., Tsuboi, T. Plasmodium vivax gametocyte protein Pvs230 is a transmission-blocking vaccine candidate. Vaccine. 2012; 30(10):1807-12.
242. Takahashi, N., Tanabe, K., Tsukahara, T., Dzodzomenyo, M., Dysoley, L., Khamlome, B., Sattabongkot, J., Nakamura, M., Sakurai, M., Kobayashi, J., Kaneko, A., Endo, H., Hombhanje, F., Tsuboi, T., Mita, T. Large-scale survey for novel genotypes of Plasmodium falciparum chloroquine-resistance gene pfcrt. Malaria Journal. 2012; 11(1):92.
243. Talisuna, A.O., Karema, C., Ogutu, B., Juma, E., Logedi, J., Nyandigisi, A., Mulenga, M., Mbacham, W.F., Roper, C., Guerin, P.J., D'Alessandro, U., Snow, R.W. Mitigating the threat of artemisinin resistance in Africa: improvement of drug-resistance surveillance and response systems. Lancet Infectious Diseases. 2012; 12(11):888-96.
244. Taniuchi, M., Walters, C.C., Gratz, J., Maro, A., Kumburu, H., Serichantalergs, O., Sethabutr, O., Bodhidatta, L., Kibiki, G., Toney, D.M., Berkeley, L., Nataro, J.P., Houpt, E.R. Development of a multiplex polymerase chain reaction assay for diarrheagenic *Escherichia coli* and *Shigella* spp. and its evaluation on colonies, culture broths, and stool. Diagnostic Microbiology and Infectious Disease. 2012; 73(2):121-8.
245. Teerasut, C., Lei, H.Y., Natthakorn, K., Jittmittraphap, A., Thammapalo, S., Witayathawornwong, P., Lin, Y.T., Jarman, R.G., Sawanpanyalert, P., Jampangern, W., Limkittikul, K. The serotype-independent but concentration-dependent enhancing antibodies among Thai dengue patients. Southeast Asian Journal of Tropical Medicine and Public Health. 2012; 43(3):624-33.
246. Teranishi, K., Scultetus, A., Haque, A., Stern, S., Philbin, N., Rice, J., Johnson, T., Aufer,

- C., McCarron, R., Freilich, D., Arnaud, F. Traumatic brain injury and severe uncontrolled haemorrhage with short delay pre-hospital resuscitation in a swine model. Injury. 2012; 43(5):585-93.
247. Testa, J.S., Shetty, V., Sinnathamby, G., Nickens, Z., Hafner, J., Kamal, S., Zhang, X., Jett, M., Philip, R. Conserved MHC class I-presented dengue virus epitopes identified by immunoproteomics analysis are targets for cross-serotype reactive T-cell response. Journal of Infectious Diseases. 2012; 205(4):647-55.
248. Thompson, M.G., Corey, B.W., Si, Y., Craft, D.W., Zurawski, D.V. Antibacterial activities of iron chelators against common nosocomial pathogens. Antimicrobial Agents and Chemotherapy. 2012; 56(10):5419-21.
249. Toblin, R.L., Riviere, L.A., Thomas, J.L., Adler, A.B., Kok, B.C., Hoge, C.W. Grief and physical health outcomes in U.S. soldiers returning from combat. Journal of Affective Disorders. 2012; 136(3):469-75.
250. Todd, C.S., Nasir, A., Mansoor, G.F., Sahibzada, S.M., Jagodzinski, L.L., Salimi, F., Khateri, M.N., Hale, B.R., Barthel, R.V., Scott, P.T. Cross-sectional assessment of prevalence and correlates of blood-borne and sexually-transmitted infections among Afghan National Army recruits. BMC Infectious Diseases. 2012; 12:196.
251. Tonwong, N., Sattabongkot, J., Tsuboi, T., Iriko, H., Takeo, S., Sirichaisinthop, J., Udomsangpetch, R. Natural infection of Plasmodium falciparum induces inhibitory antibodies against gametocyte development in human hosts. Japanese Journal of Infectious Diseases. 2012; 65(2):152-6.
252. Trabert, B., Graubard, B.I., Erickson, R.L., McGlynn, K.A. Childhood infections, orchitis and testicular germ cell tumours: a report from the STEED study and a meta-analysis of existing data. British Journal of Cancer. 2012; 106(7):1331-4.
253. Trang, N.V., Luan le, T., Kim-Anh le, T., Hau, V.T., Nhung le, T.H., Phasuk, P., Setrabutr, O., Shirley, H., Vinje, J., Anh, D.D., Mason, C.J. Detection and molecular characterization of noroviruses and sapoviruses in children admitted to hospital with acute gastroenteritis in Vietnam. Journal of Medical Virology. 2012; 84(2):290-7.
254. Trost, Z., Vangronsveld, K., Linton, S.J., Quartana, P.J., Sullivan, M.J. Cognitive dimensions of anger in chronic pain. Pain. 2012; 153(3):515-7.
255. Tsurupa, G., Pechik, I., Litvinov, R.I., Hantgan, R.R., Tjandra, N., Weisel, J.W., Medved, L. On the mechanism of alphaC polymer formation in fibrin. Biochemistry. 2012; 51(12):2526-38.
256. Tyner, S.D., Lon, C., Se, Y., Bethell, D., Socheat, D., Noedl, H., Sea, D., Satimai, W., Schaecher, K., Rutvisuttinunt, W., Fukuda, M.M., Chaorattanakawee, S., Yingyuen, K., Sundrakes, S., Chaichana, P., Saingam, P., Buathong, N., Sriwichai, S., Chann, S.,

- Timmermans, A., Saunders, D.L., Walsh, D.S. Ex vivo drug sensitivity profiles of *Plasmodium falciparum* field isolates from Cambodia and Thailand, 2005 to 2010, determined by a histidine-rich protein-2 assay. Malaria Journal. 2012; 11:198.
257. Valcour, V., Chalermchai, T., Sailasuta, N., Marovich, M., Lerdlum, S., Suttichom, D., Suwanwela, N.C., Jagodzinski, L., Michael, N., Spudich, S., van Griensven, F., de Souza, M., Kim, J., Ananworanich, J., RV254/SEARCH_010_Study_Group. Central nervous system viral invasion and inflammation during acute HIV infection. Journal of Infectious Diseases. 2012; 206(2):275-82.
258. Valiyaveetil, M., Alamneh, Y., Miller, S.A., Hammamieh, R., Wang, Y., Arun, P., Wei, Y., Oguntayo, S., Nambiar, M.P. Preliminary studies on differential expression of auditory functional genes in the brain after repeated blast exposures. Journal of Rehabilitation Research and Development. 2012; 49(7):1153-62.
259. Valiyaveetil, M., Alamneh, Y., Oguntayo, S., Wei, Y., Wang, Y., Arun, P., Nambiar, M.P. Regional specific alterations in brain acetylcholinesterase activity after repeated blast exposures in mice. Neuroscience Letters. 2012; 506(1):141-5.
260. Valiyaveetil, M., Alamneh, Y.A., Doctor, B.P., Nambiar, M.P. Crossroads in the evaluation of paraoxonase 1 for protection against nerve agent and organophosphate toxicity. Toxicology Letters. 2012; 210(1):87-94.
261. Vasan, S., Michael, N.L. Improved outlook on HIV-1 prevention and vaccine development. Expert Opinion on Biological Therapy. 2012; 12(8):983-94.
262. Walsh, G.P., Dela Cruz, E.C., Abalos, R.M., Tan, E.V., Fajardo, T.T., Villahermosa, L.G., Cellona, R.V., Balagon, M.V., White, V.A., Saunderson, P.R., Walsh, D.S. Limited susceptibility of *Cynomolgus* monkeys (*Macaca fascicularis*) to leprosy after experimental administration of *Mycobacterium leprae*. American Journal of Tropical Medicine and Hygiene. 2012; 87(2):327-36.
263. Wang, Y., Oguntayo, S., Wei, Y., Wood, E., Brown, A., Jensen, N., Auta, J., Guiodotti, A., Doctor, B.P., Nambiar, M.P. Neuroprotective effects of imidazenil against chemical warfare nerve agent soman toxicity in guinea pigs. Neurotoxicology. 2012; 33(2):169-77.
264. Waterman, P., Kwak, Y., Clifford, R., Julius, M., Onmus-Leone, F., Tsurgeon, C., Riley, M., Black, C., McGann, P., Lesho, E. A multidrug-resistance surveillance network: 1 year on. Lancet Infectious Diseases. 2012; 12(8):587-8.
265. Whipple, S.D., Lindroth, E.J., Hoback, W.W., Albrecht, M.C., Foster, J.E. Genetic variability of *Digitonthophagus gazella* (F.) (Coleoptera: Scarabaeidae) from Vieques, Puerto Rico and South Africa. Coleopterists' Bulletin. 2012; 66(1):45-50.
266. Wilk, J.E., Herrell, R.K., Wynn, G.H., Riviere, L.A., Hoge, C.W. Mild traumatic brain injury (concussion), posttraumatic stress disorder, and depression in U.S. Soldiers

- involved in combat deployments: association with postdeployment symptoms. Psychosomatic Medicine. 2012; 74(3):249-57.
267. Wong, K.K., Bulimo, W.D., Magana, J., Achilla, R.A., Schwarcz, S.K., Simwa, M., Majanja, J.M., Wadegu, M.O., Osuna, F.A., Mukunzi, S.O., Mwangi, J.K., Wangui, J.M., Muthoni, J.N., Njiri, J.O., Obura, B.D., Opot, B.H., Mitei, K.K., Barani, J., Lifumo, S., Schnabel, D.C. Epidemiology of 2009 pandemic influenza A virus subtype H1N1 among Kenyans aged 2 months to 18 years, 2009-2010. Journal of Infectious Diseases. 2012; 206 Suppl 1:S68-73.
268. Wood, M.D., Britt, T.W., Wright, K.M., Thomas, J.L., Bliese, P.D. Benefit finding at war: a matter of time. Journal of Traumatic Stress. 2012; 25(3):307-14.
269. Wood, M.D., Foran, H.M., Britt, T.W., Wright, K.M. The impact of benefit finding and leadership on combat-related PTSD symptoms. Military Psychology. 2012; 24(6):529-41.
270. Woodring, J., Srijan, A., Puripunyakom, P., Oransathid, W., Wongstitwilairoong, B., Mason, C. Prevalence and antimicrobial susceptibilities of *Vibrio*, salmonella, and *Aeromonas* isolates from various uncooked seafoods in Thailand. Journal of Food Protection. 2012; 75(1):41-7.
271. Wright, K.M., Cabrera, O.A., Eckford, R.D., Adler, A.B., Bliese, P.D. The impact of predeployment functional impairment on mental health after combat. Psychological Trauma-Theory Research Practice and Policy. 2012; 4(3):260-9.
272. Wright, K.M., Foran, H.M., Wood, M.D., Eckford, R.D., McGurk, D. Alcohol problems, aggression, and other externalizing behaviors after return from deployment: understanding the role of combat exposure, internalizing symptoms, and social environment. Journal of Clinical Psychology. 2012.
273. Wright, P.J., Kim, P.Y., Wilk, J.E., Thomas, J.L. The effects of mental health symptoms and organizational climate on intent to leave the military among combat veterans. Military Medicine. 2012; 177(7):773-9.
274. Yadava, A., Nurmukhambetova, S., Pichugin, A.V., Lumsden, J.M. Cross-species immunity following immunization with a circumsporozoite protein-based vaccine for malaria. Journal of Infectious Diseases. 2012; 205(9):1456-63.
275. Yenesew, A., Akala, H.M., Twinomuhwezi, H., Chepkirui, C., Irungu, B.N., Eyase, F.L., Kamatenesi-Mugisha, M., Kiremire, B.T., Johnson, J.D., Waters, N.C. The antiplasmodial and radical scavenging activities of flavonoids of *Erythrina burttii*. Acta Tropica. 2012; 123(2):123-7.
276. Yin, J., Vahey, M.T., Dai, A., Lewis, M.G., Arango, T., Yalley-Ogunro, J., Greenhouse, J., Mendoza, K., Khan, A., Sardesai, N.Y., Weiss, W., Komisar, J., Boyer, J.D. Plasmodium inui infection reduces the efficacy of a simian immunodeficiency virus DNA vaccine in a

- Rhesus macaque model through alteration of the vaccine-induced immune response. Journal of Infectious Diseases. 2012; 206(4):523-33.
277. Yoon, I.K., Getis, A., Aldstadt, J., Rothman, A.L., Tannitisupawong, D., Koenraadt, C.J., Fansiri, T., Jones, J.W., Morrison, A.C., Jarman, R.G., Nisalak, A., Mammen, M.P., Jr., Thammapalo, S., Srikiatkachorn, A., Green, S., Libraty, D.H., Gibbons, R.V., Endy, T., Pimgate, C., Scott, T.W. Fine scale spatiotemporal clustering of dengue virus transmission in children and *Aedes aegypti* in rural Thai villages. PLoS Neglected Tropical Diseases. 2012; 6(7):e1730.
278. Yoon, I.K., Rothman, A.L., Tannitisupawong, D., Srikiatkachorn, A., Jarman, R.G., Aldstadt, J., Nisalak, A., Mammen, M.P., Jr., Thammapalo, S., Green, S., Libraty, D.H., Gibbons, R.V., Getis, A., Endy, T., Jones, J.W., Koenraadt, C.J., Morrison, A.C., Fansiri, T., Pimgate, C., Scott, T.W. Underrecognized mildly symptomatic viremic dengue virus infections in rural Thai schools and villages. Journal of Infectious Diseases. 2012; 206(3):389-98.
279. Yoon, K.L., Quartana, P.J. Post-evaluative biases toward somatic stimuli and cardiovascular responses in social anxiety. Journal of Psychopathology and Behavioral Assessment. 2012; 34(4):451-7.
280. Zhang, B.X., Wear, D.J., Kim, H.S., Weina, P., Stojadinovic, A., Izadjoo, M. Development of hydrolysis probe-based real-time PCR for identification of virulent gene targets of *Burkholderia pseudomallei* and *B. mallei*-A retrospective study on archival cases of service members with melioidosis and glanders. Military Medicine. 2012; 177(2):216-21.
281. Zhang, M.Y., Yuan, T., Li, J., Rosa Borges, A., Watkins, J.D., Guenaga, J., Yang, Z., Wang, Y., Wilson, R., Li, Y., Polonis, V.R., Pincus, S.H., Ruprecht, R.M., Dimitrov, D.S. Identification and characterization of a broadly cross-reactive HIV-1 human monoclonal antibody that binds to both gp120 and gp41. PLoS One. 2012; 7(9):e44241.
282. Zheng, L., Enewold, L., Zahm, S.H., Shriver, C.D., Zhou, J., Marrogi, A., McGlynn, K.A., Zhu, K. Lung cancer survival among black and white patients in an equal access health system. Cancer Epidemiology, Biomarkers & Prevention. 2012; 21(10):1841-7.
283. Zollinger, W.D., Babcock, J.G., Moran, E.E., Brandt, B.L., Matyas, G.R., Wassef, N.M., Alving, C.R. Phase I study of a *Neisseria meningitidis* liposomal vaccine containing purified outer membrane proteins and detoxified lipooligosaccharide. Vaccine. 2012; 30(4):712-21.
284. Zurawski, D.V., Thompson, M.G., McQueary, C.N., Matalka, M.N., Sahl, J.W., Craft, D.W., Rasko, D.A. Genome sequences of four divergent multidrug-resistant *Acinetobacter baumannii* strains isolated from patients with sepsis or osteomyelitis. Journal of Bacteriology. 2012; 194(6):1619-20.