

The following is a list of publications written by GSID researchers and our colleagues.

| <u>Publications by GSID</u> | <u>Year</u> | <u>Field</u> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|
| Arita, Isao and Donald P. Francis . Safe landing for global polio eradication: A Perspective. In Press. | 2011 | Polio |
| Barouch DH, Kik SV, Weverling GH, Dilan R, King SL, Maxfield LF, Clark S, Ng'ang'a D, Brandariz KL, Abbink P, Sinangil F , de Bruyn G, Gray GE, Roux S, Bekker L, Dilraj A, Kibuuka H, Robb ML, Michael NL, Anzala O, Amornkul PN, Gilmour J, Hural J, Buchbinder SP, Seaman MS, Dolin R, Baden LR, Carville A, Mansfield KG, Pau MG, Goudsmit J. International Seroepidemiology of Adenovirus Serotypes 5, 26, 35, and 48 in Pediatric and Adult Populations. Accepted for publication in Vaccine, 2011. | 2011 | HIV |
| Barouch DH, Kik SV, Weverling GJ, Dilan R, King SL, Maxfield LF, Clark S, Ng'ang'a D, Brandariz KL, Abbink P, Sinangil F , de Bruyn G, Gray GE, Roux S, Bekker LG, Dilraj A, Kibuuka H, Robb ML, Michael NL, Anzala O, Amornkul PN, Gilmour J, Hural J, Buchbinder SP, Seaman MS, Dolin R, Baden LR, Carville A, Mansfield KG, Pau MG, Goudsmit J. International seroepidemiology of adenovirus serotypes 5, 26, 35, and 48 in pediatric and adult populations. Vaccine. 2011 Jul 18;29(32):5203-9. Epub 2011 May 25. doi:10.1016/j.vaccine.2011.05.025 | 2011 | HIV |
| Bonsignori M, Hwang KK, Chen X, Tsao CY, Morris L, Gray E, Marshall DJ, Crump JA, Kapiga SH, Sam NE, Sinangil F , Pancera M, Yongping Y, Zhang B, Zhu J, Kwong PD, O'Dell S, Mascola JR, Wu L, Nabel GJ, Phogat S, Seaman MS, Whitesides JF, Moody MA, Kelsoe G, Yang X, Sodroski J, Shaw GM, Montefiori DC, Kepler TB, Tomaras GD, Alam SM, Liao HX, Haynes BF. Analysis of a Clonal Lineage of HIV-1 Envelope V2/V3 Conformational Epitope-Specific Broadly Neutralizing Antibodies and Their Inferred Unmutated Common Ancestors. J Virol. 2011 Oct;85(19):9998-10009. Epub 2011 Jul 27. doi:10.1128/JVI.05045-11 | 2011 | HIV |
| Francis, Donald P. and Gary Grohmann. WHO Influenza vaccine technology transfer initiative: Role and activities of the Technical Advisory Group. Vaccine 295 (2011) A45-A47. doi:10.1016/j.vaccine.2011.02.078 | 2011 | Influenza |

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| Mahoney R, Chocarro L, Southern J, Francis DP, Vose J, Margolis H. Dengue vaccines regulatory pathways: A report on two meetings with regulators of developing countries. PLoS Med 8(2): e1000418. Published February 22, 2011. doi:10.1371/journal.pmed.1000418. | 2011 | Dengue |
| Mahoney R, Chocarro L, Southern J, Francis DP , Vose J, Margolis H. Dengue vaccines regulatory pathways: a report on two meetings with regulators of developing countries. PLoS Med. 2011 Feb;8(2):e1000418. Epub 2011 Feb 22. doi:10.1371/journal.pmed.1000418 | 2011 | Dengue |
| O'Rourke SM, Robinson J, Conant MA, Schweighardt B, Phung P, Limol K, Wrin T, Higgins K , Sinangil F , Berman P. Epitope Specificity and Envelope Diversity in an Elite Neutralizer from the San Francisco Bay Area. Abstract accepted for AIDS Vaccine 2011 Conference, September 12-15, 2011, Bangkok, Thailand. | 2011 | HIV |
| O'Rourke SM, Sutthent R, Tatsuno G, Phung P, Sinangil F , Berman PW. Mapping the Specificity of Broadly Neutralizing Antibodies from Thai Elite Neutralizers by Swarm Analysis Using CRF A/E Viruses from Injection Drug Users. AIDS Vaccine 2011 Conference, September 12-15, 2011, Bangkok, Thailand. | 2011 | HIV |
| O'Rourke, SM, Sutthent R, To B, Phung P, Limoli K, Higgins K , Wrin T, Sinangil F , Berman P. Mapping the Specificity of Broadly Neutralizing Antibodies from Thai Elite Neutralizers by Analysis of crf A/E Virus Quasi-Species. AIDS Vaccine 2011 Conference, September 12-15, 2011, Bangkok, Thailand. | 2011 | HIV |
| Pérez-Losada M, Jobes DV, Sinangil F , Crandall KA, Arenas M, Posada D, Berman PW. Phylodynamics of HIV-1 from a Phase III AIDS Vaccine Trial in Bangkok, Thailand. PLoS One. 2011 Mar 10;6(3):e16902. doi:10.1371/journal.pone.0016902 | 2011 | HIV |
| Pitisuttihum P, Rerks-Ngarm S, Bussaratid V, Dhitavat J, Maekanantawat W, Pungpak S, Suntharasamai P, Vanijanonta S, Nitayapan S, Kaewkungwal J, Chunsuttiwat S, Prem Sri N, Benenson M, Morgan P, Berenberg J, Gurunathan S, Francis DP , Chiu J, Excler J, Robb ML, Stablein D, Michael NL, Kim J. Safety and Reactogenicity of ALVAC-HIV (vCP1521) and HIV-1 gp120 AIDSVAX® B/E Prime-Boost Vaccination Regimen in a Community-Based Efficacy Trial. AIDS Vaccine 2011 Conference, September 12-15, 2011, Bangkok, Thailand. | 2011 | HIV |

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| Rerk-Negarm, S, Paris RM, Chunsutthiwat S, Preamsri N, Chemwat C, Bowornwatanuwong J, Li S, Kaewkungkal J, Trichavaroj R, de Souza M, Francis D , Adams E, Gurunathan S, Tartaglia J, O'Connell R, Emasila C, Nitayaphan S, Ngaay V, Thongcharoen P, Kunasol P, Michael N, Robb M, Gilbert P, Kim J. Extended Evaluation of Volunteers Who Become HIV-1 Infected During Participation in a Phase III Vaccine Trial of ALVAC-HIV and AIDSVAX® B/E. AIDS Vaccine 2011 Conference, September 12-15, 2011, Bangkok, Thailand. | 2011 | HIV |
| Reks-Ngarm S, de Souza M, Bowornwatanuwong J, Preamsri N, Ngaay V, Li S, Kaewkungkal J, Trichavaroj R, Churikanont N, Francis D , Gurunathan S, Tartaglia J, O'Connell R, Paris RM, Nitayaphan S, Michael NL, Robb ML, Thongcharoen P, Kunasol P, Gilbert P, Kim JH. Evaluation of Peripheral Blood and Mucosal HIV-1 Viral Load in Volunteers Who Became HIV-1 Infected During Participation in the Thai Phase III Trial. AIDS Vaccine 2011 Conference, September 12-15, 2011, Bangkok, Thailand. | 2011 | HIV |
| Stephenson, KE, Hural J, Buchbinder SP, Sinangil F , Barouch DH. Preexisting Immunity to Multiple Adenovirus Serotypes Is Not Associated with Increased HIV-1 Acquisition in Three HIV-1 Vaccine Efficacy Trials. AIDS Vaccine 2011 Conference, September 12-15, 2011, Bangkok, Thailand. | 2011 | HIV |
| The Ministry of Public Health – Thai AIDS Vaccine Evaluation Group (MOPH-TAVEG). Screening and evaluation of potential volunteers for a phase III trial in Thailand of a candidate preventive HIV vaccine (RV148). Vaccine 29 (2011) 4285-4292. doi:10.1016/j.vaccine.2011.03.014 | 2011 | HIV |
| Francis DP . Successes and failures: Worldwide vaccine development and application. Biologicals. 2010 Sep;38(5):523-8. Epub 2010 Aug 4. Review. doi:10.1016/j.biologicals.2010.06.003 | 2010 | General |
| Francis, Don , Douglas D, Mahoney R. The manufacture and supply of dengue vaccine. Occasional Paper, Pediatric Dengue Vaccine Initiative, International Vaccine Institute, December 2010. | 2010 | Dengue |
| Gilbert P, Wang M, Wrin T, Petropoulos C, Gurwith M, Sinangil F , D'Souza P, Rodriguez-Chavez IR, Decamp A, Giganti M, Berman PW, Self SG, and Montefiori DC. Magnitude and breadth of a non-protective neutralizing antibody response in an efficacy trial of a candidate HIV-1 gp120 vaccine. J Infect Dis 202 (4): 595-605 (2010). doi: 10.1086/654816 | 2010 | HIV |

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| O'Rourke SM, Schweighardt B, Phung P, Fonseca DP, Terry K, Wrin T, Sinangil F , Berman PW. Mutation at a single position in the V2 domain of the HIV-1 envelope protein confers neutralization sensitivity to a highly neutralization-resistant virus. <i>J Virol</i> . 2010 Nov;84(21):11200-9. doi:10.1128/JVI.00790-10 | 2010 | HIV |
| Perez-Losada M, Jobes DV, Sinangil F , , and Crandall KA, Posada D, and Berman PW. Phylodynamics of HIV-1 from a phase-III AIDS vaccine trial in North America. <i>Mol Biol Evol</i> 27(2):417-25 (2010). doi: 10.1093/molbev/msp254 | 2010 | HIV |
| Smith DH, Winters-Digiaccio P, Mitiku M, O'Rourke S, Sinangil F , Wrin T, Montefiori DC, Berman PW. Comparative immunogenicity of HIV-1 clade C envelope proteins for prime/boost studies. <i>PLoS One</i> 5(8): e12076. Doi:1371/journal.pone.0012076 (2010) | 2010 | HIV |
| O'Rourke SM, Schweighardt B, Scott W, Wrin T, Fonseca D, Sinangil F , and Berman PW. Novel ring structure in the gp41 trimer of human deficiency virus type 1 that modulates sensitivity and resistance to broadly neutralizing antibodies. <i>J Virol</i> . 83(15):7728-38 (2009). doi:10.1128/JVI.00688-09 | 2009 | HIV |
| Perez-Losada M, Posada D, Jobes DV, Sinangil F , Berman PW, and Crandall KA. Ethnic differences in the adaptation rate of HIV gp120 from a vaccine trial. <i>Retrovirology</i> 6:67 (2009). doi:10.1186/1742-4690-6-67 | 2009 | HIV |
| Reks-Ngarm S, Pitisuttithum P, Nitayaphan S, Kaewkungwal J, Chiu J, Paris R, Prem Sri N, Namwat C, de Souza M, Adams E, Benenson M, Gurunathan S, Tartaglia J, McNeil JG, Francis DP , Stablein D, Birx DL, Chunsuttiwat S, Khamboonruang C, Thongcharoen P, Robb ML, Michael NL, Kunasol P, Kim JH; MOPH-TAVEG Investigators. Vaccination with ALVAC and AIDSVAX to prevent HIV-1 infection in Thailand. <i>N Engl J Med</i> . 2009 Dec 3;361(23):2209-20. Epub 2009 Oct 20. doi:10.1056/NEJMoa0908492 | 2009 | HIV |
| Pitisuttithum P, Choopanya K, Bussaratid V, Vanichseni S, van Griensven F, Phonrat B, Martin M, Vimutsunthorn E, Sangkum U, Kitayaporn D, Tappero JW, Heyward W, Francis D . Social harms in injecting drug users participating in the first phase III HIV vaccine trial in Thailand. <i>J Med Assoc Thai</i> . 2007 Nov;90(11):2442-8. | 2007 | HIV |

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| Jobs DV, Daoust M, Nguyen V, Padua A, Michele S, Lock MD, Chen A, Sinangil F , and Berman PW. High incidence of unusual cysteine variants in gp120 envelope proteins from early HIV-1 infections from a Phase 3 vaccine efficacy trial. <i>AIDS Res Hum Retroviruses</i> 22 (10):1014-21 (2006). doi:10.1089/aid.2006.22.1014 | 2006 | HIV |
| Jobs DV, Daoust M, Nguyen V, Padua A, Sinangil F , Perez-Losada M, Crandall KA, Oliphant T, Posada D, Rambaut A, Fuchs J, Berman PW. Longitudinal population analysis of dual infection with recombination in two strains of HIV-1 subtype B in an individual from a Phase 3 HIV vaccine efficacy trial. <i>AIDS Res Hum Retroviruses</i> 22 (10): 968-78 (2006). doi: 10.1089/aid.2006.22.968 | 2006 | HIV |