

Mark A. Brockman, Ph.D.Refereed papers published:

1. Chopera DR, Wright JK, **Brockman MA**, Brumme ZL. Immune-mediated attenuation of HIV-1. *Future Virology*. 2011 Aug; 6(8):917-928. Review.
2. Porichis F, Kwon DS, Zupkosky J, Tighe DP, McMullen A, **Brockman MA**, Pavlik DF, Rodriguez-Garcia M, Pereyra F, Freeman GJ, Kavanagh DG, Kaufmann DE. Responsiveness of HIV-specific CD4 T cells to PD-1 blockade. *Blood*. 2011 Jul 28; 118(4):965-74. Epub 2011 Jun 7. PMID: 21652684.
3. Huang KH, Goedhals D, Carlson JM, **Brockman MA**, Mishra S, Brumme ZL, Hickling S, Tang CS, Miura T, Seebregts C, Heckerman D, Ndung'u T, Walker B, Klenerman P, Steyn D, Goulder P, Phillips R; Bloemfontein-Oxford Collaborative Group, van Vuuren C, Frater J. Progression to AIDS in South Africa is associated with both reverting and compensatory viral mutations. *PLoS One*. 2011 Apr 22;6(4):e19018. PMID: 21544209.
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24. Ngumbela KC, Ryan KP, Sivamurthy R, **Brockman MA**, Gandhi RT, Bhardwaj N, Kavanagh DG. Quantitative effect of suboptimal codon usage on translational efficiency of mRNA encoding HIV-1 gag in intact T cells. *PLoS One*. 2008 Jun 4; 3(6):e2356. PMID: 18523584.
25. Schneidewind A, **Brockman MA**, Sidney J, Wang YE, Chen H, Suscovich TJ, Li B, Adam RI, Allgaier RL, Mothé BR, Kuntzen T, Oniangue-Ndza C, Trocha A, Yu XG, Brander C, Sette A, Walker BD, Allen TM. Structural and functional constraints limit options for cytotoxic T-lymphocyte escape in the immunodominant HLA-B27-restricted epitope in human immunodeficiency virus type 1 capsid. *J Virol*. 2008 Jun; 82(11):5594-605. Epub 2008 Apr 2. PMID: 18385228.
26. Lin W, Weinberg EM, Tai AW, Peng LF, **Brockman MA**, Kim KA, Kim SS, Borges CB, Shao RX, Chung RT. HIV increases HCV replication in a TGF-beta1-dependent manner. *Gastroenterology*. 2008 Mar; 134(3):803-11. Epub 2008 Jan 10. PMID: 18325393.
27. Meier A, Bagchi A, Sidhu HK, Alter G, Suscovich TJ, Kavanagh DG, Streeck H, **Brockman MA**, LeGall S, Hellman J, Altfeld M. Upregulation of PD-L1 on monocytes and dendritic cells by HIV-1 derived TLR ligands. *AIDS*. 2008 Mar 12; 22(5):655-8. PMID: 18317010.
28. Streeck H, Cohen KW, Jolin JS, **Brockman MA**, Meier A, Power KA, Waring MT, Alter G, Altfeld M. Rapid ex vivo isolation and long-term culture of human Th17 cells. *J Immunol Methods*. 2008 Apr 20; 333(1-2):115-25. Epub 2008 Feb 15. PMID: 18314131.
29. Kaufmann DE, Kavanagh DG, Pereyra F, Zaunders JJ, Mackey EW, Miura T, Palmer S, **Brockman M**, Rathod A, Piechocka-Trocha A, Baker B, Zhu B, Le Gall S, Waring MT, Ahern R, Moss K, Kelleher AD, Coffin JM, Freeman GJ, Rosenberg ES, Walker BD. Upregulation of CTLA-4 by HIV-

32. Lichterfeld M, Yu XG, Mui SK, Williams KL, Trocha A, **Brockman MA**, Allgaier RL, Waring MT, Koibuchi T, Johnston MN, Cohen D, Allen TM, Rosenberg ES, Walker BD,