

Peer-reviewed Research Papers Published in 2013

These papers represent the research of NIT-affiliated scientists and doctors (in bold type), either at the NIT or in collaboration with other centers including USC and UCLA.

1. **Vu D, Tellez-Corrales E**, Shah T, **Hutchinson I**, Min DI. Influence of Cyclooxygenase-2 (COX-2) gene promoter-1195 and allograft inflammatory factor-1 (AIF-1) polymorphisms on allograft outcome in Hispanic kidney transplant recipients. *Hum Immunol.* 2013 Oct;74(10):1386-91.
2. **Vu D, Tellez-Corrales E, Yang J**, Qazi Y, Shah T, Naraghi R, **Hutchinson IV**, Min DI. Genetic polymorphisms of UGT1A8, UGT1A9 and HNF-1 α and gastrointestinal symptoms in renal transplant recipients taking mycophenolic acid. *Transpl Immunol.* 2013 Dec;29(1-4):155-61.
3. **Corrales-Tellez E, Vu D**, Shah T, **Hutchinson I**, Min DI. Association between granzyme B and perforin I polymorphisms and allograft outcomes in Hispanic kidney transplant recipients. *Clin Transplant.* 2013 May-Jun;27(3):E308-15.
4. Shah T, **Vu D, Corrales-Tellez E, Cicciarelli J, Hutchinson I**, Naraghi R, Min DI. Effects of mycophenolic acid on highly sensitized patients awaiting kidney transplant. *Transpl Immunol.* 2013 Jan;28(1):32-7.
5. **Vu D, Tellez-Corrales E**, Sakharkar P, Kissen MS, Shah T, **Hutchinson I**, Min DI. Impact of NF- κ B gene polymorphism on allograft outcome in Hispanic renal transplant recipients. *Transpl Immunol.* 2013 Jan;28(1):18-23.
6. **Vu D**, Sakharkar P, **Tellez-Corrales E**, Shah T, **Hutchinson I**, Min DI. Association of vitamin D binding protein polymorphism with long-term kidney allograft survival in Hispanic kidney transplant recipients. *Mol Biol Rep.* 2013 Feb;40(2):933-9.
7. **Vu D**, Huang D-B, Ghosh, G. Structural insights of NF-kappaBRelB. *J Mol Biol.* 2013 Jun 12;425(11):1934-45.
8. Polley S, Huang DB, Hauenstein AV, Fusco AJ, Zhong X, **Vu D**, Schröfelbauer B, Kim Y, Hoffmann A, Verma IM, Ghosh G, Huxford T. X-ray crystal structure of human IKK2 in an active conformation. *PLoS Biol.* 2013 Jun;11(6):e1001581.
9. Hickey MJ, **Kasahara N**, Mueller BM, Kruse CA. Combining cellular and gene therapy approaches for treatment of intracranial tumors. *Oncoimmunology.* 2013 Oct 1;2(10):e25989.
10. Kubo S, Takagi-Kimura M, Logg CR, **Kasahara N**. Highly efficient tumor transduction and antitumor efficacy in experimental human malignant mesothelioma using replicating gibbon ape leukemia virus. *Cancer Gene Ther.* 2013 Dec;20(12):671-7.
11. Pham LK, Liang M, Adisetiyo HA, Liao CP, Cohen MB, Tahara SM, Frenkel B, **Kasahara N**, Roy-Burman P. Contextual effect of repression of bone morphogenetic protein activity in prostate cancer. *Endocr Relat Cancer.* 2013 Nov 4;20(6):861-74.

12. Mintz PJ, Huang KW, Reebye V, Nteliopoulos G, Lai HS, Sætrom P, **Kasahara N**, Jensen S, Pai M, Gordon MY, Marley SB, Behan R, Spalding DR, Haoudi A, Emara MM, Nicholls J, Rossi JJ, Habib NA. Exploiting human CD34+ stem cell-conditioned medium for tissue repair. *Mol Ther.* 2014 Jan;22(1):149-59.
13. Huang TT, Hlavaty J, Ostertag D, Espinoza FL, Martin B, Petznek H, Rodriguez-Aguirre M, Ibañez CE, **Kasahara N**, Gunzburg W, Gruber HE, Pertschuk D, Jolly DJ, Robbins JM. Toca 511 gene transfer and 5-fluorocytosine in combination with temozolomide demonstrates synergistic therapeutic efficacy in a temozolomide-sensitive glioblastoma model. *Cancer Gene Ther.* 2013 Oct;20(10):544-51.
14. Takagi-Kimura M, Yamano T, Tamamoto A, Okamura N, Okamura H, Hashimoto-Tamaoki T, Tagawa M, **Kasahara N**, Kubo S. Enhanced antitumor efficacy of fiber-modified, midkine promoter-regulated oncolytic adenovirus in human malignant mesothelioma. *Cancer Sci.* 2013 Nov;104(11):1433-9.
15. Reebye V, Sætrom P, Mintz PJ, Huang KW, Swiderski P, Peng L, Liu C, Liu X, Lindkaer-Jensen S, Zacharoulis D, Kostomitsopoulos N, **Kasahara N**, Nicholls JP, Jiao LR, Pai M, Spalding DR, Mizandari M, Chikovani T, Emara MM, Haoudi A, Tomalia DA, Rossi JJ, Habib NA. Novel RNA oligonucleotide improves liver function and inhibits liver carcinogenesis in vivo. *Hepatology.* 2014 Jan;59(1):216-27.
16. Hickey MJ, Malone CC, Erickson KL, Lin A, Soto H, Ha ET, Kamijima S, Inagaki A, Takahashi M, Kato Y, **Kasahara N**, Mueller BM, Kruse CA. Combined alloreactive CTL cellular therapy with prodrug activator gene therapy in a model of breast cancer metastatic to the brain. *Clin Cancer Res.* 2013 Aug 1;19(15):4137-48.
17. Hacke K, Treger JA, Bogan BT, Schiestl RH, **Kasahara N**. Genetic modification of mouse bone marrow by lentiviral vector-mediated delivery of hypoxanthine-Guanine phosphoribosyltransferase short hairpin RNA confers chemoprotection against 6-thioguanine cytotoxicity. *Transplant Proc.* 2013 Jun;45(5):2040-4.
18. Reebye V, Sætrom P, Mintz PJ, Rossi JJ, **Kasahara N**, Nteliopoulos G, Nicholls J, Haoudi A, Gordon M, Habib NA. A Short-activating RNA Oligonucleotide Targeting the Islet β -cell Transcriptional Factor MafA in CD34(+) Cells. *Mol Ther Nucleic Acids.* 2013 Jun 4;2:e97.
19. Yin D, Zhai Y, Gruber HE, Ibanez CE, Robbins JM, Kells AP, **Kasahara N**, Forsayeth J, Jolly DJ, Bankiewicz KS. Convection-enhanced delivery improves distribution and efficacy of tumor-selective retroviral replicating vectors in a rodent brain tumor model. *Cancer Gene Ther.* 2013 Jun;20(6):336-41.
20. Herold BC, Keller MJ, Shi Q, Hoover DR, Carpenter CA, Huber A, Parikh UM, Agnew KJ, Minkoff H, Colie C, **Nowicki MJ**, D'Souza G, Watts DH, Anastos K. Plasma and mucosal HIV viral loads are associated with genital tract inflammation in HIV-infected women. *J Acquir Immune Defic Syndr.* 2013 Aug 1;63(4):485-93.

21. Sarkar M, Bacchetti P, Tien P, Mileti E, French AL, Edlin BR, Keller M, Seaberg E, **Nowicki MJ**, Young M, Peters MG. Racial/ethnic differences in spontaneous HCV clearance in HIV infected and uninfected women. *Dig Dis Sci.* 2013 May;58(5):1341-8.
22. Jotwani V, Scherzer R, Abraham A, Estrella MM, Bennett M, Devarajan P, Anastos K, Cohen MH, **Nowicki M**, Sharma A, Young M, Tien PC, Grunfeld C, Parikh CR, Shlipak MG. Does HIV infection promote early kidney injury in women? *Antivir Ther.* 2014;19(1):79-87.
23. Peralta C, Scherzer R, Grunfeld C, Abraham A, Tien P, Devarajan P, Bennett M, Butch A, Anastos K, Cohen M, Nowicki M, Sharma A, Young M, Sarnak M, Parikh C, Shlipak M. Urinary biomarkers of kidney injury are associated with all-cause mortality in the Women's Interagency HIV Study (WIHS). *HIV Med.* 2014 May;15(5):291-300, Epub 2013 Dec 3.
24. Driver TH, Scherzer R, Peralta CA, Tien PC, Estrella MM, Parikh CR, Butch AW, Anastos K, Cohen MH, **Nowicki M**, Sharma A, Young MA, Abraham A, Shlipak MG. Comparisons of creatinine and cystatin C for detection of kidney disease and prediction of all-cause mortality in HIV-infected women. *AIDS.* 2013 Sep 10;27(14):2291-9
25. Kuniholm MH, Parrinello CM, Anastos K, Augenbraun M, Plankey M, **Nowicki M**, Peters M, Golub ET, Lurain N, Landay AL, Strickler HD, Kaplan RC. Hepatitis C viremia is associated with cytomegalovirus IgG antibody levels in HIV-infected women. *PLoS One.* 2013 Apr 17;8(4):e61973.
26. Kiefer EM, Shi Q, Hoover DR, Kaplan R, Tracy R, Augenbraun M, Liu C, **Nowicki M**, Tien PC, Cohen M, Golub ET, Anastos K. Association of hepatitis C with markers of hemostasis in HIV-infected and uninfected women in the women's interagency HIV study (WIHS). *J Acquir Immune Defic Syndr.* 2013 Mar 1;62(3):301-10.
27. Blau DM, Rabe IB, Bhatnagar J, Civen R, Trivedi KK, Rollin D, Hocevar SN, Kuehnert M, Staples JE, Zaki SR, Fischer M; **Nowicki MJ**, West Nile Virus Transplant-Associated Transmission Investigation Team. West Nile virus RNA in tissues from donor associated with transmission to organ transplant recipients. *Emerg Infect Dis.* 2013;19(9):1518-20.