

## Publications for Christopher Wheeler, PhD

1. Zhang, X.-x., Black, K.L., Ong, J.M., Bogler, O., Zhai, Y., and **Wheeler, C.J.** (2005) T cell activity in glioma chemoresponsiveness and genetics. Gene Ther Mol Biol 9:401-416.
2. Liu, G., Akasaki, Y., Khong, H.T., **Wheeler, C.J.**, Das, A., Black, K.L., and Yu, J.S. (2005) Cytotoxic T cell targeting of TRP-2 sensitizes human malignant glioma to chemotherapy. Oncogene 24:5226-34.
3. **Wheeler, C.J.**, and Black, K. (2005) Dendritic Cell Vaccines and Obstacles to Beneficial Immunity in Glioma Patients. Current Opinion Mol Ther 7:35-47.
4. **Wheeler, C.J.**, Das, A., Liu, G., Yu, J.S., and Black, K. (2004) Clinical responsiveness of glioblastoma multiforme to chemotherapy after vaccination. Clin Cancer Res 10:5316-5326. **(selected as featured article)**
5. Yu, J.S., Liu, G., Ying, H., Yong, W.H., Black, K.L., and **Wheeler, C.J.** (2004) Vaccination with tumor lysate-pulsed dendritic cells elicits specific cytotoxic T cells in patients with malignant glioma. Cancer Res 64:4973-4979.
6. Liu, G., Ying, H., Zeng, G., **Wheeler, C.J.**, Black, K.L., and Yu, J.S. (2004) HER-2, gp100 and MAGE-1 are expressed in human glioblastoma and recognized by cytotoxic T cells. Cancer Res 64:4980-4986.
7. Prins, R.M., Incardona, F., Lau, R., Lee, P.K., Black, K.L., Claus, S., Zhang, W., and **Wheeler, C.J.** (2004) Characterization of defective CD4<sup>+</sup> T cells in murine tumors generated independent of antigen specificity. J Immunol 172, 1602-1611.
8. **Wheeler, C.J.**, Black, K.L., Liu, G., Gutierrez, M., Ying, H., Yu, J.S., Zhang, W., and Lee, P.K. (2003) Thymic CD8<sup>+</sup> T cell production strongly influences tumor antigen recognition and age-dependent glioma mortality. J Immunol 171, 4927-4933.
9. Liu, G., Khong, H.T., **Wheeler, C.J.**, Yu, J.S., Black, K.L., and Ying, H. (2003) Molecular and functional analysis of tyrosinase-related protein (TRP)-2 as a cytotoxic T lymphocyte target in patients with malignant glioma. J Immunother 26, 301-312.
10. Prins, R.M., Graf, M.R., Merchant, R.E., Black, K.L., and **Wheeler, C.J.** (2003) Deficits in thymic function and output of recent thymic emigrant T cells during intracranial glioma progression. J Neuro-oncol 64, 45-54.
11. Yu, J.S., Lee, P.K., Ehtesham, M., Samoto, K., Black, K.L., and **Wheeler, C.J.** (2003) Intratumoral T cell subset ratios and fas ligand expression on brain tumor endothelium. J Neuro-oncol 64, 55-61.
12. Liu, Y., Ehtesham, M., Samoto, K., **Wheeler, C.J.**, Thompson, R.C., Villareal, L.P., Black, K.L., and Yu, J.S. (2002). In situ adenoviral Interleukin-12 gene transfer confers potent and long-lasting cytotoxic immunity in glioma. Cancer Gene Therapy 9: 9.
13. Yu, J., **Wheeler, C.J.**, Lee, P.K., Prins, R., Lau, R., Zhang, W., Zeltzer, P., and Black, K.L. (2001). Vaccination of malignant glioma patients with peptide-pulsed dendritic cells elicits systemic cytotoxicity and intracranial T-cell infiltration. Cancer Res 61, 842.
14. **Wheeler, C.J.**, Chen, J.-Y., Potter, T., and Parnes, J.R. (1998) Mechanisms of CD8 - mediated T cell response enhancement: Interaction with MHC class I/  $\beta$ -2-microglobulin and functional coupling to TCR/CD3. J. Immunol. 160, 4199.
15. **Wheeler, C.J.**, von Hoegen, P., and Parnes, J.R. (1992) An immunological role for the CD8 -chain. Nature 357, 247.
16. **Wheeler, C.J.**, Maloney, D., Fogel, S., and Goodenow, R.S. (1990) Microconversion between murine MHC class I genes integrated into yeast. Nature 347, 192.
17. Watts, S., Cranmer Davis, A., Gaut, B., **Wheeler, C.**, Hill, L., and Goodenow, R.S. (1989). Organization and structure of the Qa genes of the major histocompatibility complex of the C3H mouse: implications for Qa function and class I evolution. EMBO J. 8, 1749.
18. Watts, S., **Wheeler, C.**, Morse, R., and Goodenow, R.S. (1989) Amino acid comparison of the class I antigens of mouse major histocompatibility complex. Immunogenetics 30, 390.