

**Research and Education
Publication Highlights**

Yuan X, Hu J, Belladonna M, **Black KL**, **Yu JS**: IL-23-expressing bone marrow-derived neural stem-like cells exhibit antitumor activity against intracranial glioma. Cancer Res 66(5):2630-8,2006 (*selected as feature article*)

Hu J, Yuan X, Ko MK, Yin D, Sacapano MR, Wang X, **Konda BM**, **Espinoza A**, Prosolovich K, Ong JM, **Irvin DK**, **Black KL**. Calcium-activated potassium channels mediated blood-brain tumor barrier opening in a rat metastatic brain tumor model. Molecular Cancer. 6(1): 22, 2007

Wheeler CJ, **Black KL**, Liu G, **Wagenberg M**, Zhang X, Pepkowitz S, Goldfinger D, Ng S, **Irvin D**, **Yu, JS**: Vaccination elicits correlated immune and clinical responses in patients with glioblastoma multiforme. Cancer Res 68(14):5955-64, 2008

Black KL, Yin D, Ong JM, Hu JW, **Konda B**, Wang X, Ko MK, Bayan JA, Sacapano MR, **Espinoza A**, **Irvin D**, Shu Y: Phosphodiesterase (PDE) 5 Inhibitors enhance Tumor Permeability and Efficacy of Chemotherapy in Rat Brain Tumor Model. Brain Research 1230: 290-302, 2008

Rutishauser U, Schuman EM, **Mamelak AN**. Activity of human hippocampal and amygdala neurons during retrieval of declarative memories. Proceedings of National Academy of Sciences (PNAS) 105:1, 329-334, 2008

Town T, Breunig JJ, Sarkisian MR, Spilianakis C, Ayoub AE, Liu X, Ferrandino AF, Gallagher AR, Li MO, Rakic P, Flavell RA. The *stumpy* gene is required for mammalian ciliogenesis (2008). PNAS, 105:2853-2858

Town T, Lauoar Y, Pittenger C, Mori T, Tan J, Duman R, Flavell RA. Blocking TGF- β innate immune signaling mitigates Alzheimer-like pathology in transgenic mice (2008). Nature Medicine, 14:681-687

Xu Q, Liu G, **Yuan XP**, Xu ML, Wang HQ, Ji J, **Konda B**, **Black KL**, **Yu JS**: Antigen-Specific T Cell Response from Dendritic Cell Vaccination Using Cancer Stem-Like Cell-Associated Antigens. Stem Cells. DOI: 10.1002/stem.102, 2009

Koronyo-Hamaoui M, Ko KM, **Koronyo Y**, Azoulay D, Seksenyan A, Kunis G, **Pham M**, Bakhsheshian J, Rogeri P, **Black, KL**, Farkas LD, Schwartz M. Attenuation of AD-like neuropathology by harnessing peripheral immune cells: local elevation of IL-10 and MMP-9. J Neurochemistry 111(6):1409-24, 2009

Rutishauser U, Ross IB, **Mamelak AN**, Schuman EM. Human memory strength is predicted by theta-frequency phase-locking of single neurons. Nat Rev Neurosci. 2010 May;11(5):296

Koronyo-Hamaoui M, **Koronyo Y**, Ljubimov AV, Miller CA, Ko MH, **Black KL**, Schwartz M, Farkas DL. Identificatoin of Amyloid Plaques in Retinas from Alzheimer's patients and Noninvasive In vivo Optical Imaging of Retinal Plaques in a mouse model. Neuro Image doi: 10.1016/j.neurimage.2010.06020