

# **MSM Microbiology, Biochemistry and Immunology (MBI) Faculty: Grants, Awards and Publications for August and September 2015**

## **Publications**

- **Mahfuz B. Khan, Ming Bo Huang, Vincent C. Bond, Michael D. Powell**, Michelle J. Lang, Andrea Raymond, & Bruce Shiramizu. 2015. Nef exosomes isolated from the plasma of individuals with HIV-associated dementia (HAD) can induce A $\beta$ 1–42 secretion in SH-SY5Y neural cells. J. Neurovirol. DOI 10.1007/s13365-015-0383-6. PMID: 26407718. <http://link.springer.com/article/10.1007/s13365-015-0383-6>
- **Vincent C. Bond**, Venkat R. Katkoori, Upender Manne, Marc D. Basson, Harvey L. Bumpers. Nef-M1, a peptide antagonist of CXCR4, inhibits tumor angiogenesis and epithelial to mesenchymal transition in colon and breast cancers. Oncotarget. 2015 Jul 27. <http://www.ncbi.nlm.nih.gov/pubmed/26318034>
- **Ming Bo Huang, Michael Powell, Vincent Bond**, Konadu KA, Anderson JS, Ali SA, Villinger F. Hallmarks of HIV-1 pathogenesis are modulated by Nef's Secretion Modification Region. 2015. J AIDS Clin Res 6:476. doi: 10.4172/2155-6113.1000476. <http://www.omicsonline.org/open-access/hallmarks-of-hiv1-pathogenesis-are-modulated-by-nefs-secretion-modification-region-2155-6113-1000476.php?aid=58025>
- **Ming Bo Huang, William Roth, Michael Powell, Vincent C. Bond**, Kateena Addae Konadu, Wendy Armstrong, Francois Villinger. Isolation of Exosomes from the Plasma of HIV-1 Positive Individuals. 2015. In press, JOVE. <http://jid.oxfordjournals.org/content/211/11/1712.short>

## **Other**

- **Dr. Michael Powell** abstract was accepted for the UNESCO-MARS (Merck African Research Summit) in Geneva, Switzerland held on October 19<sup>th</sup> and 20<sup>th</sup>.
- Traditional African Herbal Mixtures have Activity Against Human Immunodeficiency Virus (HIV) and Ebola Virus

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Topics: HIV/AIDS and Ebola

Keywords: HIV/AIDS, Ebola, Traditional Medicine, In-vitro Assays

*\*MSM MBI faculty listed in bold*