

Curriculum Vitae

James Mubiru, M.S., PhD
Assistant Professor
Science and Engineering Department
Phone: (409) 933-8599
Email: jmubiru@com.edu

Education

PhD in Physiology University of Hong Kong, Hong Kong SAR, China

M.S. in Veterinary Microbiology and Immunology South China Agricultural University, Guangzhou, China

DVM South China Agricultural University, Guangzhou, China

Certificate in Chinese Beijing Language and Culture University, Beijing, China

Texas Teacher Certificate Alamo Colleges, San Antonio, Texas

Teaching Experience

August 2018-present College of the Mainland Texas City, TX
Assistant Professor-Biology

September 2013-2018 Wayland Baptist University San Antonio, TX
Assistant Professor (adjunct)

September 2013-2018 St. Mary's University San Antonio, TX
Assistant professor (adjunct)

January 2017-2018 North East ISD San Antonio, TX
Science Teacher

August 2015-2016 School of Science and Technology San Antonio, TX
Science Teacher

Significant Publications

Mubiru JN, Yang A, Olsen C, Livi CB, Dick, EJ Jr., Owston M, Garcia-Forey M, Rogers J and Shade RE Prostate-Specific Antigen Transcripts in Chimpanzees, Cynomolgus Monkeys, Baboons and African Green Monkeys: Evidence of Adaptive Evolution. PLOS One 14:e94522 2014

Mubiru JN, Yang A, Dick EJ Jr, Owston M, Sharp RM, Vandeberg JF, Shade RE, Vandeberg JL . Correlation between Presence of Trypanosoma cruzi DNA in Heart

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Tissue of Baboons and Cynomolgus Monkeys, and Lymphocytic Myocarditis. *Am J Trop Med Hyg.* 90: 627-33. (2014)

Mubiru JN, Shen-Ong GL, Valente AJ, Troyer DA. Alternative spliced variants of the alpha-methylacyl-CoA racemase gene and their expression in prostate cancer. *Gene* 18: 327:89-98. 2004

Kumar S, Dick E.J Jr., Reddy BY, Mubiru JN, Yang A, Hubbard GB, and Owston M.A. Reovirus induced meningoencephalomyelitis in baboons. *Vet Pathol.:* 51:641-50. 2014

Mubiru JN, Cavazos N, Hemmat P, Garcia-Forey M, Shade RE, Rogers J. Androgen receptor CAG repeat polymorphism in males of six non-human primate species. *J Med Primatol.* 41:67-70. 2012

Mubiru JN, Garcia-Forey M, Cavazos N, Hemmat P, Dick EJ Jr, Owston MA, Bauer CA, Shade RE, Rogers J. Serum prostate specific antigen changes in cynomolgus monkeys (*Macaca fascicularis*) on a high sugar high fat diet. *Prostate.* 72(5):469-75. 2012

Mubiru JN, Garcia-Forey M, Higgins PB, Hemmat P, Cavazos NE, Dick EJ Jr, Owston MA, Bauer CA, Shade RE, Comuzzie AG, Rogers J. A preliminary report on the feeding of cynomolgus monkeys (*Macaca fascicularis*) with a high-sugar high-fat diet for 33 weeks. *J Med Primatol.* 40:335-41. 2011

Williams JT, Mubiru JN, Schlabritz-Loutsevitch NE, Rubicz RC, VandeBerg JL, Dick EJ Jr., Hubbard GB (2009). Polymerase Chain Reaction Detection of *Trypanosoma cruzi* in *Macaca fascicularis* Using Archived Tissues. *Am. J. Trop. Med. Hyg.*, 81(2), pp. 228–234. 2009

Seiler BM, Dick Jr EJ, Guardado-Mendoza R, Vandenberg JL, Williams JT, Mubiru JN, Hubbard GB. Spontaneous heart disease in the adult chimpanzee (*Pan troglodytes*). *J Med Primatol.* Feb;38(1):51-8. 2009

Troyer DA, Mubiru J, Leach RJ, Naylor SL. Promise and challenge: Markers of prostate cancer detection, diagnosis and prognosis. *Dis Markers.* 20(2):117-28. 2004

Mubiru JN, Valente AJ, Troyer DA. A variant of the alpha-methyl-acyl-CoA racemase gene created by a deletion in exon 5 and its expression in prostate cancer. *Prostate.* 65(2):117-23. 2005

Mubiru JN, Hubbard GB, Dick EJ Jr, Butler SD, Valente AJ, Troyer DA, Rogers J. A preliminary study of the baboon prostate pathophysiology. *Prostate.* 15;67(13):1421-31. 2007

Mubiru JN, Hubbard GB, Dick EJ Jr, Furman J, Troyer DA, Rogers J. Nonhuman primates as models for studies of prostate specific antigen and prostatic diseases. *Prostate* 68: 1546-1554 2008

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Roy AK, Oh T, Rivera O, Mubiru J, Song CS, Chatterjee B. (2002) Impacts of transcriptional regulation on aging and senescence. Ageing Research Reviews 3:367-80. 2002

Mubiru JN. Hong Kong producers at a crossroads. Pig Progress 15: 31-34. 1999

Mubiru JN. Contributing factors to the avian influenza outbreak in Hong Kong. World Poultry 14: 53-54. 1998

Mubiru JN and Xu RJ. Comparison of growth and development of the exocrine pancreas in pigs and rats during the immediate postnatal period. Comparative Biochemistry and Physiology 120: 699-703. 1998

Mubiru JN and Xu RJ. Growth and development of the pancreas in newborn pigs: the effect of colostrum feeding. Biology of the Neonate 71: 317-326. 1997