

























- peroxidase modules encoded by RNA viruses. *Biol Trace Elem Res* 70(2): 97-116.
49. Khalili H, Ian K, Bryan M (2011) Department of Pharmacotherapy, School of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran.
  50. Grunfeld C, Kotler DP (1992) Pathophysiology of the AIDS wasting syndrome. *AIDS Clin Rev* 7: 191-224.
  51. Steinhart CR (2001) HIV-associated wasting in the era of HAART: A practice-based approach to diagnosis and treatment. *AIDS Res* 11: 557-569.
  52. Tang AM, Forrester J, Spiegelman D (2002) Weight loss and survival in HIV-positive patients in the era of highly active antiretroviral therapy. *J Acquir Immune Defic Syndr* 31(2): 230-236.
  53. Shisler JL, Senkevich TG, Berry MJ, Moss B (1998) Ultraviolet-induced cell death blocked by a selenoprotein from a human dermatotropic poxvirus. *Science* 279(5347): 102-105.
  54. Xu XM, Carlson BA, Grimm TA (2002) Rhesus monkey simian immunodeficiency virus infection as a model for assessing the role of selenium in AIDS. *J Acquir Immune Defic Syndr* 31(5): 453-463.
  55. Okunade K, Olowoselu OF, Osanyin GE, Olabode SJ, Akanmu SA (2018) Selenium deficiency and pregnancy outcome I pregnant women with HIV in Lagos, Nigeria. *Int J Gynecol Obstet* 142(2): 207-213.
  56. Baum MK, Shor-Posner G, Lai S (2017) High risk of HIV-related mortality is associated with selenium deficiency. *J Acquir Immune Defic Syndr Retrovirol* 15: 370-374.
  57. Rayman MP (2000) The importance of selenium to human health. *Lancet* 356(9225): 233-241.
  58. Jozanov-Stankov O, Demajo M, Djujić I, Mandić M (1998) Selenium intake as a modulator of responsiveness to oxidative stress. *J Environ Pathol Toxicol Oncol* 17(3-4): 251-257.
  59. Lawal S, Bilbis DB, Idowu YS, Mansur L, Chibueze HN (2010) Serum levels of antioxidant vitamins and minerals elements of Human Immunodeficiency Virus Positive Subjects in Sokoto, Nigeria. *Ann Afr Med* 9(4): 235-239.
  60. Percival SS (1998) Copper and immunity. *Am J Clin Nutr* 67: 1064S-1068S.
  61. Hammond KA (2004) *Dietary and Clinical Assessment*, vol. 372, WB Saunders, Philadelphia, Pa, USA, 11<sup>th</sup> edition, pp: 20-34.
  62. Dworkin BM, Wormser GP, Axelrod F, Pierre N, Schwarz E (1990) Dietary intake in patients with acquired immunodeficiency syndrome (AIDS), patients with AIDS-related complex, and serologically positive human immunodeficiency virus patients: Correlations with nutritional status. *J Parenter Enteral Nutr* 14(6): 605-609.
  63. Tang AM, Graham NMH, Semba RD, Saah AJ (2017) Association between serum vitamin A and E levels and HIV-1 disease progression. *J Acquir Immune Defic Syndr* 11(5): 613-620.
  64. Beach RS, Mantero-Atienza E, Shor-Posner G (2012) Specific nutrient abnormalities in asymptomatic HIV-1 infection. *J Acquir Immune Defic Syndr* 6: 701-708.
  65. Tang AM, Graham NM, Kirby AJ, McCall LD, Willett WC (2013) Dietary micronutrient intake and risk of progression to acquired immunodeficiency syndrome (AIDS) in human immunodeficiency virus type 1 (HIV-1)-infected homosexual men. *Am J Epidemiol* 138(11): 937-951.
  66. Schwartz KB (1996) Oxidative stress during viral infection: A review. *Free Rad Biol Med* 21(5): 641-649.
  67. Allard JP, Aghdassi E, Chau J, Salit I, Walmsley S (1998) Oxidative stress and plasma antioxidant micronutrients in humans with HIV infection. *Am J Clin Nutr* 67(1): 143-147.
  68. Batterham M, Gold J, Naidoo D, Lux O, Sadler S (2001) A preliminary open label dose comparison using an antioxidant regimen to determine the effect on viral load and oxidative stress in men with HIV/AIDS. *Eur J Clin Nutr* 55(2): 107-114.
  69. Forrester J, Sztam K (2011) Micronutrients in HIV/AIDS: Is there evidence to change the WHO 2003 recommendations. *American J Clinical Nutrition* 94(6): 1683S-1689S.
  70. World Gazetteer. (2007) Population of Cities, news, divisions. Accessed on: May 23, 2022. Available online at: <http://worldgazetteer.com/ng.php>