



Breast Cancer

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Abstract:

Canada Breast cancer accounts for approximately a fourth of all female cancers, being only second to skin cancer. Although breast cancer is a disease found in both males and females, 99% of breast cancer cases develop in females. Several risk factors have been established, including early menarche and late menopause. Despite decades of research regarding its etiology, the source of mammary carcinogenesis remains inconclusive. Recent evidence of viral substance in oncogenic tumors suggests the influence of viruses on human breast cancer's etiology. The prime candidates for human breast cancer are the Human Papilloma Virus (HPV), Epstein-Barr Virus (EBV), and Mouse Mammary Tumor Virus (MMTV). An additional candidate is the Bovine Leukemia Virus



(BLV). Viral genetic substance for all these candidates was found in human breast cancer through a polymerase chain reaction. This review will examine and assess recent evidence-based literature on i) plausibility (results of preceding research evidence), ii) consistency (a cohesive pattern amongst all related studies from varying locations, different researchers and different times), and iii) coherence (all data is consistent with each other).

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