Buccal Mucosal X-chromatin Frequency in Breast and Cervix Cancer

Satbir Kaur¹, Vasudha Sambyal², Anju Sharma¹ and Parminder Kaur¹

1. Department of Human Biology, Punjabi University, Patiala 147 002, Punjab, India
2. Department of Human Genetics, G.N.D. University, Amritsar, Punjab, India


ABSTRACT Buccal mucosal X-chromatin frequency was studied in 50 breast and cervix cancer patients to ascertain reactivation of X-chromosome in buccal mucosa. Two groups of menstruating and menopausal women acted as controls. Frequency of X-chromatin was significantly higher in menopausal cancer patients as compared to menopausal normal controls, but the difference between the menstruating normal women and breast cancer patients was not statistically significant.