Aims and objectives

AIMS AND OBJECTIVES

The present project was undertaken with the following aims and objectives:

- determine the frequency and types of mutations in the AR gene by PCR-SSCP.
- study the polymorphisms in the genes directly or indirectly involved in hormone metabolism (ERα, ERβ, PR, CYP19, CYP17, SRD5A2 and VDR) and metabolic genes (CYP2D6 and CYP1B1) in prostate cancer patients and controls by PCR-RFLP.
- correlate 1 and 2 above and analyse statistically with respect to some of the risk factors, clinical stages and pathological grades of the prostate cancer.