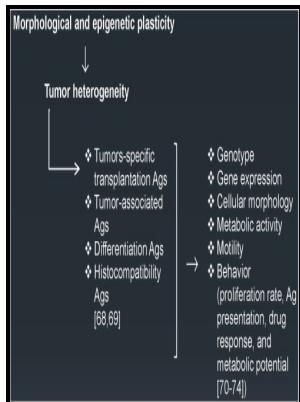


# Study of immune responses to ras transformed tumour cells expressing well-defined antigens

## typescript - Tumor Markers



Description: -

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Tags: #Essay #Fountain

### Essay Fountain

The Panel was divided about the prognostic value of the Breast Cancer Index, the Oncotype DX, and EndoPredict in this time period. The body may produce the marker in response to cancer or the tumor itself may produce the marker.

### Essay Fountain

Although urine cytology has been shown to be less accurate than urinary biomarker tests, familiarity with the method as well as ease of performance justify the continued routine use of the former by primary care physicians, especially in patients who have no history of bladder malignancy.

### Essay Fountain

Although researchers are in the process of studying the value of PSA along with digital rectal exams for routine screening of men ages 55 to 74 for prostate cancer; and the literature does not show at this time whether using PSA to screen for prostate cancer actually does reduce the number of deaths caused by this cancer. Therefore, it is unclear if the findings of the reviewed studies are directly applicable.

### Tumor Markers

In a blinded retrospective analysis of 588 ER-positive tamoxifen-treated and untreated breast cancer patients from the randomized prospective Stockholm trial which was conducted during 1976 to 1990, H:I and MGI were measured using real-time RT-PCR.

### Tumor Markers

A variety of other tumor markers have been investigated for early detection of ovarian cancer as well as different combinations of tumor markers complementary to CA 125 that could potentially offer greater sensitivity and specificity than CA 125 alone. Acceptance of 21-gene recurrence score assays as tools for clinical decision making in women or men with early stage breast cancer is controversial due to the lack of prospective

validation studies, nevertheless, 2007 guidelines from an expert panel convened by ASCO on tumor markers in breast cancer concluded that multiparameter gene expression analysis i. It is not normally found in tissue in other parts of the body, and therefore, GCC detected outside of the intestine, indicates presence of colorectal cancer metastases.

#### **Essay Fountain**

Cox proportional hazards regression was used to evaluate the association between PCA3 results and progression on surveillance biopsy defined as Gleason pattern 4 or 5, more than 2 positive biopsy cores or more than 50% involvement of any core with cancer.

#### **Essay Fountain**

In particular, these tests may be of help in deciding the need for further diagnostic assessment of patients with a history of bladder cancer and negative results on urine cytology. More importantly, results from the current study suggested that KRAS-variant frequencies might be increased among BRCA1 carriers, but solid proof requires confirmation in a larger cohort of BRCA1 carriers. Some differences, which may reflect the differences in hormone biology between males and females, were noted and deserve further study.

#### **Essay Fountain**

In some cases of difficult decision, such as grade 2 ER-positive HER-2 negative and node-negative breast cancer, MammaPrint and Oncotype DX may be used in conjunction with all clinicopathological factors, to help in treatment decision-making. BCI classified 42% of patients as low, 35% as intermediate and 23% as high risk. A total of 21 novel markers were identified from the 28 novel marker studies.

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