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Detection of DNA Damage Measured by Comet Assay in Pre and Post Chemotherapeutic Acute Lymphoblastic Leukaemia

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KEY WORDS Acute lymphoblastic leukemia; Comet assay; chemotherapy; single cell gel electrophoresis

ABSTRACT DNA damage measured by comet assay/SCGE was studied in ten cases of acute lymphoblastic leukemia before treatment and post treatment relapsed cases. The DNA damage of post treatment relapsed cases was more than untreated cases. Further study needs to be done to study DNA damage of post chemotherapy relapsed cases in both relapse and remission.

[Home](#)

[Back](#)
