

TISSUE CULTURE STUDIES IN SOME MEDICINALLY IMPORTANT PLANTS.

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Abstract

Hibiscus cannabinus, *Cassia fistula* and *Abutilon indicum* are medicinally important plants in India. Tissue culture studies have done for efficient propagation and for crop improvement in these three plants. Various explants were tried for callus induction, somatic embryogenesis and organogenesis with manipulation in culture media. Calli and somatic embryos were induced from hypocotyl explants in *Hibiscus cannabinus*, while in *Cassia fistula* and *Abutilon indicum* it could be obtained from leaf explants.