

## STUDY OF MORPHOGENESIS AND EMBRYOGENESIS IN *DAUCUS CAROTA* L. IN DIFFERENT SUCROSE CONCENTRATIONS

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*Many studies have been conducted on *Daucus carota* L. regeneration by somatic embryogenesis. Parameters like auxin concentration and sucrose have been altered to observe the net effect of the same on callusing and embryogenesis. We could obtain globular embryos in callus tissue grown in moderately high auxin-containing media for six months and subcultured in a solid MS basal medium. Suspension cultures without auxin but with varying sucrose concentrations when initiated with this callus also witnessed embryo formation at different rates.*

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