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objective of this study was to characterize the histodifferentiation of somatic embryogenesis obtained from leaf ...Histology of somatic embryogenesis in *Coffea arabica* L ...Fig. 1 summarized the pathway of somatic embryogenesis, scanning electron microscopy, histology and biochemical analysis at different developing stages of embryogenesis. To our knowledge, it is the first ever report compiling a detailed documentation on somatic embryogenesis and plant regeneration in six important date palm's cultivars. Somatic embryogenesis, scanning electron microscopy ...Histology of Callogenesis and Somatic Embryogenesis Induced in Stem Fragments of Cork Oak (*Quercus suber*) Cultured In Vitro M. EL MAËTAOUI, H. ESPAGNAC* and N. MICH AUX-FERRIÈRE Laboratoire de Biologie Végétale Expérimentale, Faculté des Sciences, 33, rue Louis Pasteur, 84000 Avignon, France Histology of Callogenesis and Somatic Embryogenesis ...Somatic embryogenesis and plant re-generation in cereals and grasses. In A. Fujiwara [ed.], Plant tissue culture 1982, pp. 101 - 104. Maruzen, To-kyo. 1983. Regeneration of plants from single cells of. 1913. Histology of Somatic Embryogenesis in *Panicum maximum* ...Histology of Somatic Embryogenesis in *Panicum maximum* ...of somatic cells toward embryogenesis (Kitamiya et al., 2000). The acquisition of embryogenic competence by somatic cells must involve reprogramming of gene expression patterns as well as changes in the morphology, physiology and metabolism. In addition, a high level of endogenous auxin is Somatic Embryogenesis and Plant Regeneration from Callus ...Somatic embryogenesis in palm trees is, in general, a slow and

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