Biotechnology for *in vitro* propagation of the *Salvia officinalis* species

Main features

• the technology is intended for the production of planting material of *Salvia officinalis* (sage) through *in vitro* propagation.

• the working methodology consists of inoculating explants (stem apices) on MS culture medium (Murashige - Skoog, 1962) without growth regulators, under sterile conditions in a laminar airflow hood; transfer of explants that have started growing on MS medium supplemented with 3 mg/l BAP (benzylaminopurine) and 1 mg/l ANA (naphthylacetic acid), in order to stimulate regeneration and shoot elongation; transfer of regenerated microshoots in the multiplication phase to MS medium with mineral salts reduced by half, supplemented with 0,6 mg/l ANA in order to induce rhizogenesis; acclimatization and fortification of *in vitro* regenerated plants.

Aspects of *in vitro* culture

Plants acclimatized and fortified in pots and in the soil