In vitro Withanolide Production by *Withania somnifera* L. Cultures

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*In vitro* multiple shoots, root, callus and cell suspension cultures of *Withania somnifera* exhibited the potentiality to produce pharmacologically active withanolides. Multiple shoots cultures exhibited an increase in withanolide A accumulation compared to shoots of the mother plant. *In vitro* generated root cultures as well as callus and suspension cultures also produced withanolides albeit at lower levels.

**Key words:** Cell Cultures, *Withania somnifera*, Withanolide