

SOME ASPECTS CONCERNING THE *IN VITRO* REACTION OF *LAVANDULA ANGUSTIFOLIA* L.

Gogu Ghiorghită*, Diana-Elena Maftai, and Daniela Nicuță

University of Bacau, Calea Mărășești, 157, Bacău, Romania

*Fax: + 40 234 545753, *E-mail: gogugen@ub.ro

REFERENCES

- Andrade L. B., Echeverrigaray S., Fracaro F., Pauletti G. F., Rota L. (1999). The effect of growth regulators on shoot propagation and rooting of common lavender (*Lavandula vera* DC). *Plant Cell, Tissue and Organ Culture*, 56: 79-83.
- Cristea V., Cachiță-Cosma D., Bercea V., Osvath T. (1991). *In vitro* explant cultures – present and perspective. *In: Cachita-Cosma D. (Ed.). Proceedings of the 4-th National Symposium on Plant Cell and Tissue Culture, Cluj-Napoca, December 7-9, 1989*, 4: 113-116.
- Dias M. C., Almeida R., Romano A. (2002). Rapid clonal multiplication of *Lavandula viridis* L. Her. through *in vitro* axillary shoot proliferation. *Plant Cell, Tissue and Organ Culture*, 68: 99-102.
- Echeverrigaray S., Basso R., Andrade L. B. (2005). Micropropagation of *Lavandula dentata* from axillary buds of field-grown adult plants. *Biologia Plantarum*, 49: 439-442.
- Murashige T., Skoog F. (1962). A revised medium for rapid growth and bioassays tobacco tissue culture. *Physiologia Plantarum*, 15: 473-497.
- Nobre J. (1996). *In vitro* cloning and micropropagation of *Lavandula stoechas* from field-grown plants. *Plant Cell, Tissue and Organ Culture*, 46: 151-155.
- Tsuro M., Koda M., Inoue M. (1999). Comparative effect of different types of cytokinin for shoot formation and plant regeneration in leaf-derived callus of lavender (*Lavandula vera* DC). *Scientia Horticulturae*, 81: 331-336.
- Tsuro M., Koda M., Inoue M. (2000). Efficient plant regeneration from multiple shoots formed in the leaf-derived callus of *Lavandula vera*, using the “open culture system”. *Scientia Horticulturae*, 86: 81-88.
- Watanabe K., Yamada Y. (1982). Plant tissue culture. *In: Fujiwara A. (Ed.). Proceedings of the 5-th International Congress IAPTC, Tokyo and Lake Yamanaka, July 11-16, 1982*: 357-358.
- Watanabe K., Sato K., Furuta M., Yamada Y. (1985). Induction of pigment production by S-containing compounds in cultured *Lavandula vera* cells. *Agricultural and Biological Chemistry*, 49: 533-534.