yield was poor). Several phytotoxic substances were extracted from culture filtrates and subsequently purified and identified using chromatographic procedures and standards of 5. autome toxins (seindin, iso-seindin, seincuprolide, seincardin A and 4 rotated seincardins).

One of the tested strains produced all the toxins. Another strain produced all the sericardins and no butenolides or marcolide. Finally, the third strain produced only some of the sesquiterpenes (mainly, seiricardin A).

RESPIRATORY EFFECTS OF FUSICOCCIN IN CONDITIONS OF INHIBITED H⁺ EXTRUSION

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Previous work in this laboratory aboved that the stimulation of IF extrasion by funitorized plat K ore in structural on Island arrans with an increase of Qu governeopouling to the utilization of ATP by the IF young and presumably mediated by a decrease of the energy change. The previous results show that functions increase the property of the previous plates and plates and previous plates and previous plates and plates and previous plates and

PRODUCTION OF 6-METHOXYMELLEIN IN PLANT TISSUE CUL-TURE OF DAUCUS CAROTA

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ARBA 87, Roma.

Aiming to produce secondary plant metabolites of commercial interest, by means of biotechnology, it is important to assess the different strategies which can enhance the rate of production, in bioreactor, of those metabolites.

Contrasting strategies are clonal selection of high producing cell lines or induc-