

**BIOTECHNOLOGY OF THE SUSPENSION
CULTIVATION
OF CELLS SENSITIVE TO MECHANICAL EFFECTS**

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Developed and tested is the fermentation equipment for suspension cultivation of tissue cultures sensitive to mechanical actions and bubble aeration.

Investigated and introduced into industry is the technology of getting interferons in fermemers provided with vibration and pulsation mixing (after the autors' desing).

The results obtained testify to the effectiveness of use of the vibration and pulsation mixing for biotechnology of the suspension cultivation of tissue and filamentuos cultures. The desing dependences obtained can be used for choosing the optimum operating conditions of the tested fermentation facilities.