

The invention relates to regenerative medicine and tissue engineering and can be used for isolating cell cultures intended for transplantation or testing of various compounds or substances *in vitro*.

Summary of the invention consists in that the explant is placed in a cell culture vessel, into which a cell culture medium is poured, so that the explant is suspended in an environment

that is incubated at 37°C, 5% CO<sub>2</sub> and in a humid environment for 3...4 days, after which the cell culture medium is changed and a small volume of medium is poured so that the explant is attached to the surface of the culture medium and incubated under the same conditions. The culture medium is changed every 24...48 hours, then after the appearance of cell colonies around the explant, it is placed in another part of the culture vessel with the addition of the culture medium in volume to maintain the explant on the surface of the culture medium. The number of changes in explant sites depends on the size of the cell culture vessel, and the isolation of cells is carried out until, for more than 7 days, the transition of cells from the explant to the surface of the medium with the formation of cell colonies occurs.

Claims: 1

Fig.: 4