

Method for obtaining stem cells from bitch colostrum, according to which biomaterial is taken from the bitch. In the period up to 12 hours after the birth of puppies, the nipples of the bitch are treated with a 70% alcohol solution and colostrum is collected in a sterile tube, after which a fraction of mononuclear cells is cultured and subsequently obtained from the bitch's colostrum by dilution with phosphate-buffered saline in a ratio of 1:2. Centrifugation is carried out for 30 minutes at a centrifugal force of 300 g, and the colostrum precipitate obtained in this way is transferred to Petri dishes, d=3 cm. Add culture medium in the ratio of 80% DMEM and 20% fetal bovine serum and place in a CO₂ incubator for cultivation at t=37°C and 5% CO₂.