

Method for obtaining mesenchymal stem cells with high proliferative activity from the bone marrow of a 2-day-old pony's femur after slaughter involves collecting bone marrow from the animal. The femurs are treated with a 70% alcohol solution, after which, within 3 days of slaughter, the bone is cut with a sterile saw, and the biomaterial is collected into a sterile test tube for subsequent cultivation under sterile conditions.