

Method for obtaining mesenchymal stem cells with high proliferative activity from the bone marrow of a 4-day-old horse femur following slaughter involves collecting bone marrow from the animal. After the animal is slaughtered, the femurs are treated with a 70% alcohol solution. By the fifth day after slaughter, the bone is cut open using a sterile saw. The biomaterial is collected into a sterile test tube for subsequent cultivation under sterile conditions.