

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