

Method for obtaining mesenchymal stem cells with high proliferative activity from the regenerated bone marrow of a pony's femur following slaughter, which involves collecting bone marrow from the pony. After slaughter, the femurs are treated with a 70% alcohol solution. The bone is cut with a sterile saw, and the degenerated bone marrow is collected into a sterile test tube, followed by the cultivation of allogeneic mesenchymal stem cells under sterile conditions.