

STEM CELLS SPEED HEARING RECOVERY (IN RATS)

A team of Japanese scientists reported in the July issue of the American Journal of Pathology that bone marrow stem cells injected into the damaged inner ear of laboratory rats can speed recovery after temporary hearing loss. It is well established that in certain animal species some natural generation of inner hair cells can occur after acute damage, leading to partial recovery of temporary hearing loss & was also found that rats that received the injections recovered faster from hearing loss, particularly in the high frequency range, than those not injected.