Equine Regenerative Medicine

STEM CELL TREATMENT FOR EQUINE PATIENTS

We bring together biologists, engineers, veterinarians, and physicians to study stem cell biology and use stem cells in regenerative therapy.


Donor Horse


Bone Marrow Harvest


Bone Marrow Aspirate


Stem Cell Isolation & Proliferation


Stem Cell Treatment

Our Team

Our regenerative medicine team is composed of expert faculty from various disciplines who blend basic science and clinical medicine, to advance regenerative medicine.

Regenerative Medicine Research

The UT stem cell initiative brings together resources from across the university to translate research done in the laboratory into clinical treatments for animals. Our research in stem cell therapies includes diseases of bone and cartilage, corneal diseases, wound healing, and nerve injury.

Clinic Stem Cell Source

Our regenerative therapy uses adult stem cells that have been collected from the bone marrow. Bone marrow harvested adult stem cells can be isolated from the equine patient (autologous) or from a donor horse (allogeneic). Allogeneic adult stem cells isolated from a donor are currently being used for the treatment of tendon injuries, navicular disease, and laminitis. Using a dedicated stem cell laboratory, our personnel process, culture and store adult derived stem cells for research and clinical use.

The Regenerative Medicine Team works with veterinarians in private practice as well as the UT Veterinary Medical Center to provide these advanced therapies to equine patients.

Contact for more information

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