

MISSION STATEMENT

Equi-Stem LLC dedicates itself to being the leading equine stem cell preservation company in the world, offering the highest quality services in the collection of stem cells derived from equine umbilical cord tissue. We accomplish this by employing preeminent experts dedicated to world-class service and by using state-of-the-art equipment. As a result, we are able to provide our customers with timely assistance upon their request of the equine stem cells, in support of current and future discoveries of cellular therapy and regenerative medicine. In addition, through partnering with the most prominent breeders in the world, we enhance the horse's value today, while preserving the future health and maintenance of the equine athlete for the long-term benefit of current and future owners and trainers.

OUR LAB

Our state-of-the-art laboratory is committed to excellence in collection, processing, and cryogenic storage of stem cells. Utilizing advanced equipment and highly qualified personnel, we ensure the highest quality standards are upheld under strict quality control conditions. In addition, we have the capability of stem cell expansion including cell counts, characterization via flow cytometry and cell viability.

STORAGE

Equi-Stem's cryogenic storage uses a staged freezing process that assures the cells' future viability. Once they are brought to optimum temperature, they are placed in cryogenic tanks.

SECURITY

Equi-Stem's storage devices are connected to 24/7 alarm systems that are video monitored and backed up by generators and additional liquid nitrogen.

LAB PARTNERSHIP

Equi-Stem LLC has partnered with Vet BioStem International of Miami, Florida to handle all of our stem cell requirements and research under the direction of Dr. Todd Flower, PhD. Vet BioStem International's laboratory will be dedicated exclusively to the equine stem cell industry.

**International Society for Cellular Therapy
Florida Department of Health



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Preserving today for the equine athletes tomorrow

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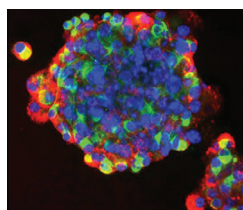
**STEM CELL COLLECTION
PRESERVATION · RESEARCH · PROCESSING**

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WHAT ARE STEM CELLS, CORD TISSUE AND MESENCHYMAL STEM CELLS (MSCs)?

Stem cells are the equine body's "master cells". They have the ability to self-replicate and differentiate into different cell types that make up the body. Stem cells also serve as an internal repair system, dividing and differentiating to replace damaged or dead tissue.



Cord tissue refers to the actual umbilical cord and all the cells within it. The gelatinous substance in the cord is referred to as "Wharton's Jelly." Contained within this jelly are abundant stem cells known as Mesenchymal Stromal Cells, or Mesenchymal Stem Cells (MSCs). These primitive/young MSCs are the cells involved in the field of regenerative medicine.

Regenerative Medicine is defined as methods used to restore the function of damaged tissue. Our intention is to use the horse's own MSCs collected from the umbilical cord. This will promote healing by regenerating tissue to re-populate specific cells and tissue after trauma and to bring injured tissue back to its original condition without scar tissue. Because primitive MSCs can transform into a variety of cell types, and due to their proven methods of expansion, they create a potentially unlimited supply of cells. These new cells can then be used to treat some of the most common early career-ending equine injuries involving nerve, muscle, ligament, cartilage, bone, and tendons.

EQUI-STEM ADVANTAGE

- **Equi-Stem** is focused on the long term benefit of the horse for breeders, trainers and owners.
- **Equi-Stem** enables its breeders to have the regenerative stem cells available until sale of the horse.
- **Equi-Stem** offers horse owners to have complete availability for the life of the horse, due to the unlimited expansion of MSCs.
- **Equi-Stem's** process is safe and works for embryo transfer foals.
- **Equi-Stem** is run and serviced by horse owners.
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- **Equi-Stem** provides a collection kit for ease in the cutting and collection of umbilical cord.
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- **Equi-Stem** offers impeccable service.
- **Equi-Stem** monitors for and communicates to its customers the latest research.
- **Equi-Stem** is a member of the industry's professional associations.
- A vast number of leading North American trainers who have met with **Equi-Stem** representatives expressed their excitement in utilizing Equi-Stems services as a tool in equine health and performance.
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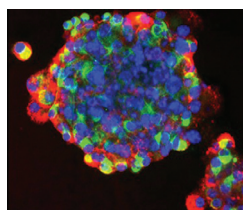
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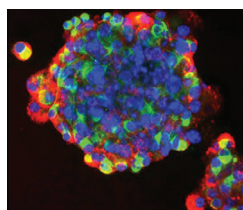
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