

Wendelsheim, August 2010

New services of the mfd Diagnostics GmbH

We extend our service package by 'stem cell preservation' and 'phenotyping of genetically modified mouse / rat'.

Stem cell preservation allows to go back to the unique characteristics of your valuable livestock or laboratory animals at any time. Examples are the treatment of muscular dystrophy in dogs, or osteoarthritis in the horse; the therapeutic use of adult stem cells is possible in many species. The use of adult stem cells from bone marrow, fat tissue or other tissue for treating diseases of the musculoskeletal system, metabolic disorders and neural defects offers significant advantages over a purely medical treatment. The side effects are usually minimal, the success rate is very high. The self-donation is a minimally invasive procedure that can be carried out on site. The cells obtained can be used immediately or after storage, so that treatment is time-flexible.

By phenotyping of genetically modified animals, that is the measurement, description and analysis of characteristics and diseases, functional results from genetic research are made manageable and analyzable. Defined methods and protocols lead to the comparability of phenotyping of different laboratories. The scientific requirements for characterization of genetically modified animals are depending on the progress and goals of your development program. Therefore, you have the opportunity to perform, depending on your needs, a comprehensive phenotypic analysis across many research areas, or to limit studies to one research area.

Additional information

Short company profile of mfd Diagnostics GmbH

MFD stands for Models, Facts, Dates. The company was founded out of the University of Mainz in 2004 and sees itself as a service provider for biomedical research. The team is formed by professionals with extensive experience in animal husbandry and breeding, as well as in diagnostics, pharmacology and pathology. Particular attention is paid on individual consultation and service-orientation

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