

## I. Cell-cloned transplants

The following requirements shall apply to the registration of calves resulting from cell-cloned transplants.

1. Only replication cell-cloned animals shall be eligible for registration.
2. The cell-donor animal must be DNA-marker-typed by the official DNA testing laboratory of the AGA **prior to harvest of genetic material**. DNA-marker-typing of the cell cloned animal, and/or recipient dams, may be required by the Association.
3. The suffix "ETN" shall be added to the names of offspring resulting from cloning or other advanced reproductive technology. If cloned offspring are registered with the same name as the source animal, the name of each clone will be distinguished by a **consecutive** Arabic number **preceding** the suffix of "ETN" starting with the digit "2" (**i.e., 2ETN or 3ETN**). The sire and dam of a clone will be shown on the registration certificate as being the same as the sire and dam of the source animal, fetus or embryo.
4. When cloned calves are registered, the breeder of the entity from which the nuclear **material** originates will be recorded as the breeder of **all resultant offspring** and **that** breeder's prefix will be used in the naming of each clone.
5. The owner of record of the cell-donor on the date of biopsy removal, shall be identified as the first owner, unless the calf is a result of a pregnant recipient, purchased embryo, fresh or frozen, in which case the purchaser **will** be identified as the first owner. If the applicant for registration is other than the breeder, the **written** transfer of ownership of the cell-cloned animal from the breeder to the applicant must be documented as required by the Association.
6. Calves conceived after death of **nuclear material**-donor animals, shall be eligible for registration under the same conditions and provisions governing the eligibility of calves prior to the death of said animal.
7. Registrations of cell-clone transplants shall be made on special forms provided by the Association, at the regular fee, plus an additional fee as determined by the Board of Directors.
8. Registration certificates issued for cell-cloned transplants shall be designated. The name and registration number of the animal which is being cell-cloned, shall also be stated on the certificate of registration.
9. The Association shall not be responsible for determining the ownership rights of any retained cell material, if any. Ownership rights shall be determined by the original **written** agreement between the owner of the cloned animal and the purchaser of the cell-cloned transplant(s).
10. Even though clones will share the same genetic information, only those production and classification records from each specific animal will be displayed on its own performance products.
11. All other requirements for the registration of offspring resulting from embryo transfer not inconsistent with these rules and rules regarding the sale and transfer of embryos will also apply to cell-cloned transplant(s).
12. The Association shall develop forms necessary to identify the source of the nuclear DNA, the host cytoplasm/oocytes and a certificate of embryo production from the **combination of such nuclear material and host cytoplasm/oocytes**.

*Rule II (I) Cell-Cloned Transplants April 2004 AGA Board of Directors Meeting*