

عنوان مقاله:

The study of used of adult stem cells differentiated into the hematopoietic cells for use in the therapy of marrow ablated horse

محل انتشار:

کنفرانس بین المللی پژوهش های نوین در علوم کشاورزی و محیط زیست (سال: 1394)

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خلاصه مقاله:

Hematopoietic stem cells because of ready accessibility of the system and by the ease with which fractions of cells from bone marrow could be used to rescue hematopoietic systems whose marrow had been ablated by chemotherapy or x-ray irradiation, driven attention of researchers by the use of bone marrow for transplantation in patients and encouraged us to investigate multipotent adult progenitor cells in marrow ablated horse. multipotent adult progenitor cells was derived from cultures of adherent cells from bone marrow of a horse has a great potential for differentiation into hematopoietic cells, acquired functional characteristics of tissues following differentiation in-vitro. It was engrafted into the marrow-ablated compromised of the same horse. The cells promote tissue repaired either by proliferating into the phenotype of the damaged cells or by creating a milieu that promotes regeneration by endogenous cells of the tissues. The obvious barrier from an unrelated donors and thresholds for events such as malignant transformation likely was due to provoke immune reaction

کلمات کلیدی:

Hematopoietic stem cells, Marrow ablated, Transplantation, Immune reaction, Horse

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