

Type 1 Diabetes

> Stem Cell Treatment of Type-1 Diabetes.

Type 1 diabetes mellitus (T1DM) is a common chronic disease in children, characterized by a loss of β cells, which results in defects in insulin secretion and hyperglycemia. Chronic hyperglycemia causes diabetic complications, including diabetic nephropathy, neuropathy, and retinopathy.



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Mesenchymal stem cells: Stem cell therapy perspectives for type 1 diabetes cellules souches mésenchymateuses comme nouvelle approche therapeutique du diabetes de type 1

Mesenchymal stem cells (MSCs) are multipotent non-hematopoietic progenitor cells that are being explored as a promising new treatment for tissue regeneration. Although their immunomodulatory properties are not yet completely understood







Current status of Stem Cell treatment for Type-1 Diabetes Mellitus

Diabetes mellitus is a major health concern in current scenario which has been found to affect people of almost all ages. The disease has huge impact on global health; therefore, alternate methods apart from insulin injection are being explored to cure diabetes. Therefore, this review mainly focuses on the current status and therapeutic potential of stem cells mainly mesenchymal stem cells (MSCs) for Type 1 diabetes mellitus in preclinical animal models as well as humans.

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Regenerative and Transplantation Medicine: Cellular Therapy using Adipose Tissue-Derive Mesenchymal Stromal Cells for Type-1 Diabetes Mellitus

Type 1 diabetes mellitus (T1DM) is caused by the autoimmune targeting of pancreatic β -cells, and, in the advanced stage, severe hypoinsulinemia due to islet destruction. In patients with T1DM, continuous exogenous insulin therapy cannot be avoided...











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