

Gene Therapy for Diabetes

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Abstract

Diabetes is a prevalent medical condition in which the body is not able to produce insulin in the pancreas, causing an abnormality in blood glucose levels. This disease affects 25.8 million people in the world and presents many challenges to the individuals affected by it. Researchers are currently using gene therapy to develop new techniques that could potentially reverse diabetes, allowing the body to return to producing insulin. In the past few years, scientists at the Baylor College of Medicine in Houston have investigated the effects of different gene therapeutic techniques on diabetic mice. Their results show that an experimental cure for diabetes may have been found, which offers hope to those battling diabetes. If scientific research continues to move forward, diabetes could be reversed in all humans forever.