

Mouse pancreatic stem cells successfully differentiate into insulin producing cells

In a study to investigate how transplanted islet cells can differentiate and mature into insulin-producing pancreatic cells, a team of Japanese researchers found that using a specific set of transcription factors (proteins that bind to specific DNA sequences) could be transduced into mouse pancreatic stem cells (mPSCs) using Sendai virus (SeV), a mouse influenza virus, as a carrier, or vector. The study is published in a recent issue of Cell Medicine [3(1)], now freely available on-line.

View the original article here: [Mouse pancreatic stem cells successfully differentiate into insulin producing ... – Medical Xpress](#)