

Project	Intended use for Impact statement	Impact statement:	Headline (<20 words, < 30s if read aloud):
miR-based Therapy	Both	<p>People with Type I diabetes, one of the most common autoimmune diseases, need to administer insulin lifelong and suffer a premature death. Stem Cell-Based Therapies emerged as a promising therapy, but they have shown limited success. We are working towards a definite cure for this disease: our method will improve the current technology in a medium term. We offer Enhanced-human Pluripotent Stem Cells capable of generating pancreatic beta cells that efficiently control blood glucose levels. If we can make it work for diabetes, our technology could be applied to other diseases.</p>	<p>Type I diabetes is now managed using lifelong insulin injections but it has no cure. Although promising, current Stem Cell-Based Therapies have shown limited success. We offer Enhanced-human Pluripotent Stem Cells that can efficiently generate functional pancreatic beta cells to potentially cure this disease.</p>