Special Issue

Islet Transplantation

Message from the Guest Editor

To date, diabetes is an incurable disease; however, beta cell replacement therapy can be a curative treatment for the diabetes. Among the beta cell replacement therapies, islet transplantation has been evolutionally developed. Allogenic islet transplantation has become the standard therapy for the treatment of type 1 diabetes, and, in some countries, autologous islet transplantation with total pancreatectomy has also become the standard therapy for the treatment of painful chronic pancreatitis. Xenogeneic islet transplantation and regenerative medicine using stem cells for the treatment of diabetes is now entering the clinical trial phase. Islet transplantation has been leading in the field of cell therapy and the progress being currently obtained is considerably exciting. This Special Issue aims to explore the current state of the art of islet transplantation and future research focuses within this area.

Guest Editor

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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