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Impact of Exocrine Pancreas Pathology on Islet Function and Survival

A failure of beta cells to secrete sufficient levels of insulin underlies all forms of diabetes. Our lab is focused on understanding the contributions of non-endocrine islet cells to the regulation of insulin release in health and disease. Here, I will highlight some recent work by us and others which highlight the importance of the exocrine pancreas in determining islet function/dysfunction and propose mechanisms by which this may occur.