Title:	Regenerative studies in Diabetes mellitus condition
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Keywords:	Regenerative Diabetes mellitus
Issue Date:	May-2023
Publisher:	IISER Mohali
Abstract:	Diabetes mellitus is one of the major diseases that is affecting people worldwide. If we go by the WHO data, about 422 million people worldwide have diabetes, the majority living in low-and middle-income countries, and 1.5 million deaths are directly attributed to diabetes each year. The sad part is we still don't have a reliable cure for it. Whatever, remedies have been developed till now are also very costly for large proportion of mankind. However, there have been progress as well in trying to find out cure for the disease. Lab- oratory model organisms like zebrafish and axolotl have been used to study the diabetic complication that are known in human beings. In this work, I shall be focusing on aspect of tissue regenration in zebrafish and axolotl suffering from type 1 diabetes. Further, we will try to see how diabetes is changing the expression pattern of various genes crucial for regen- eration. Deciphering the underlying molecular pathways that are disturbed in diabetes will take us a step closer to find out the cure against the secondary complications of diabetes.
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