

*New insight that type 2 diabetes is an inflammatory disease  
may help find cure!*



While it is well known that type 2 diabetes is linked to obesity, now a team of researchers have a better understanding of exactly what happens in the body that leads up to type 2 diabetes, and what likely causes some of the complications related to the disease.

Scientists from Denmark have found that in mice, macrophages, a specific type of immune cell, invade the diabetic pancreatic tissue during the early stages of the disease.

Then, these inflammatory cells produce a large amount of pro-inflammatory proteins, called cytokines, which directly contribute to the elimination of insulin-producing beta cells in the pancreas, resulting in diabetes.

‘The study may provide novel insights allowing development of tailor-made anti-inflammatory based therapies reducing the burden of type 2 patients,’ Alexander Rosendahl, Ph.D., a researcher involved in the work from the Department of Diabetes Complication Biology at Novo Nordisk A/S, in Malov, Denmark, said. ‘These novel treatments may prove to complement existing therapies such as insulin and GLP-1 analogues.’

Read more: <http://health.india.com/news/new-insight-that-type-2-diabetes-is-an-inflammatory-disease-may-help-find-cure/>