

# Are there any working beta cells left?

## Who

Dr Richard Oram,  
University of Exeter

Prof. Yuval Dor, Hebrew  
University of Jerusalem



## When

September 2017  
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## What

1

Take blood samples from people with longstanding type 1



2

Refine new blood test technique to measure beta cell death



3

Use test to determine level of beta cell death in blood samples



4

Work out if there are living beta cells after longstanding type 1



It could be that some beta cells escaped the autoimmune attack, or that there is a constant cycle of beta cell growth and destruction



Either of these explanations would transform our understanding of type 1 and change approaches for cure and treatment research

## Why

- Previous work indicated the presence of working beta cells in people with longstanding type 1
- The new test would be able to confirm or deny this

## The future

Better understanding of type 1 and new test to check for and track the progression of type 1

