



## 4. Type I diabetes: how molecular and cell biology research facilitate treatments

### What is type I diabetes?

Every year, about 90 000 people worldwide, mostly children and young people, are diagnosed with type 1 diabetes – a disease in which the body does not produce the hormone insulin. Type 1 diabetes patients develop an autoimmune response against insulin-producing beta-cells in the pancreas, i.e. their immune system attacks and destroys these cells, and the absence of insulin leads to elevated blood glucose levels. *You can learn more about insulin, its release, actions and regulation in*



Complete the table by writing the correct number from the diagram next to each label.

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<u>Number</u>	Label
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