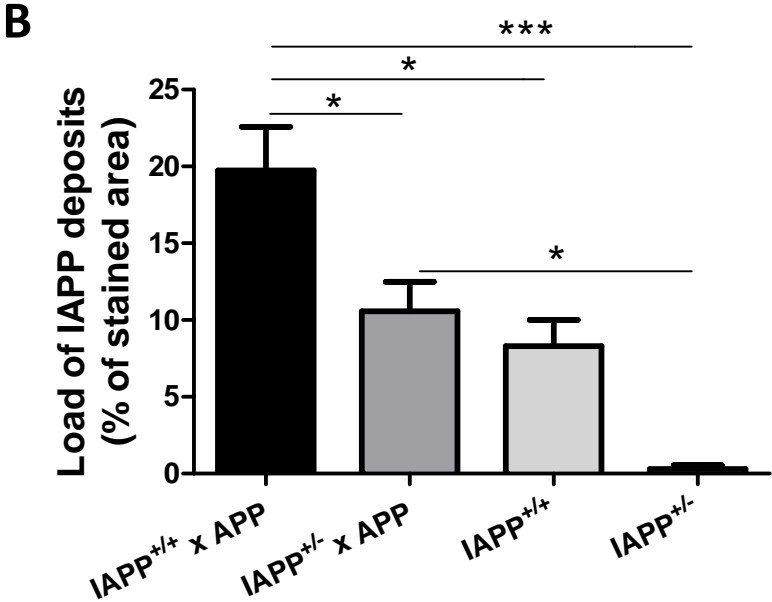
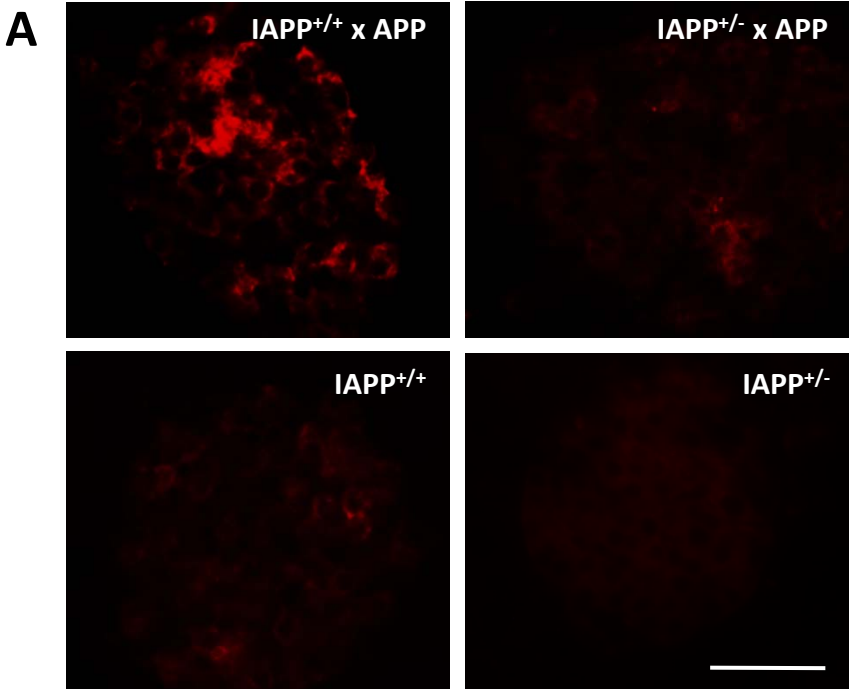


Supplementary Figure 1: IAPP^{+/+} x APP double transgenic mice exhibit more IAPP deposits in the pancreas than controls. IAPP pancreatic burden was evaluated by quantifying the immuno-stained area using a specific antibody for the human sequence of IAPP. **A:** Representative pictures of immunofluorescent IAPP deposits in the pancreatic islets of IAPP^{+/+} x APP, IAPP^{+/-} x APP, IAPP^{+/+}, and IAPP^{+/-} mice. Scale bar 50 μ m. **B:** The load of IAPP deposits was quantified as the immune-reactive area per total area analyzed in the islets of Langerhans. Data was analyzed by one-way ANOVA, followed by the Tukey's multiple comparison post-hoc test. *p<0.05; ***p<0.001. n=5-10 animals/group; 5 sections/animal.

Supplementary Figure 2. Characterization of IAPP deposits in IAPP^{+/+} mice. Representative pictures of pancreatic tissue utilized for exogenous seeding experiments double stained with anti-IAPP antibody (in red) and Thioflavin S (in green) in IAPP animals (**A1-A3**) and wild-type animals treated with STZ to induce T1D model (**B1-B3**). While the IAPP T2D model shows immune-reactivity for IAPP and is co-stained with ThS (merge), indicating the fibrillar nature of misfolded IAPP, no IAPP staining or fibrillar structures were observed in T1D-induced pancreas. Scale bar: 50 μ m.

Suppl. Fig. 1



Suppl. Fig. 2

