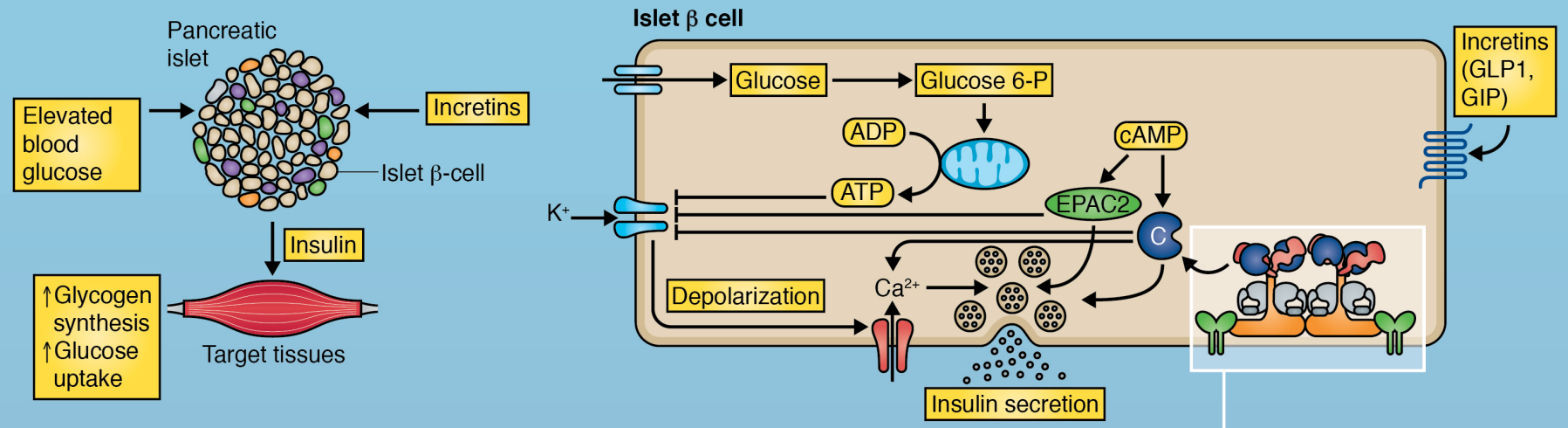


# cAMP signaling in diabetes



**Key**

- Protein kinase A catalytic subunit
- Protein kinase A regulatory subunit
- cAMP

**Unity of opposites**

PKA holoenzyme (CnA, PKA C, PKA R) anchored to AC

Phosphatase anchoring: CnA A9, CnA A

AKAP150 knockout

β cell Ca<sup>2+</sup> increase following glucose stimulation

0% to 200% scale for both β cell images

The images in this panel have been published previously (Hinke et al., 2012, *EMBO J.*, **31**, 3991-4004).