



# CRN04777: A SELECTIVE SST5 AGONIST FOR THE TREATMENT OF HYPERINSULINISM

05 June 2021 CHI Family Conference

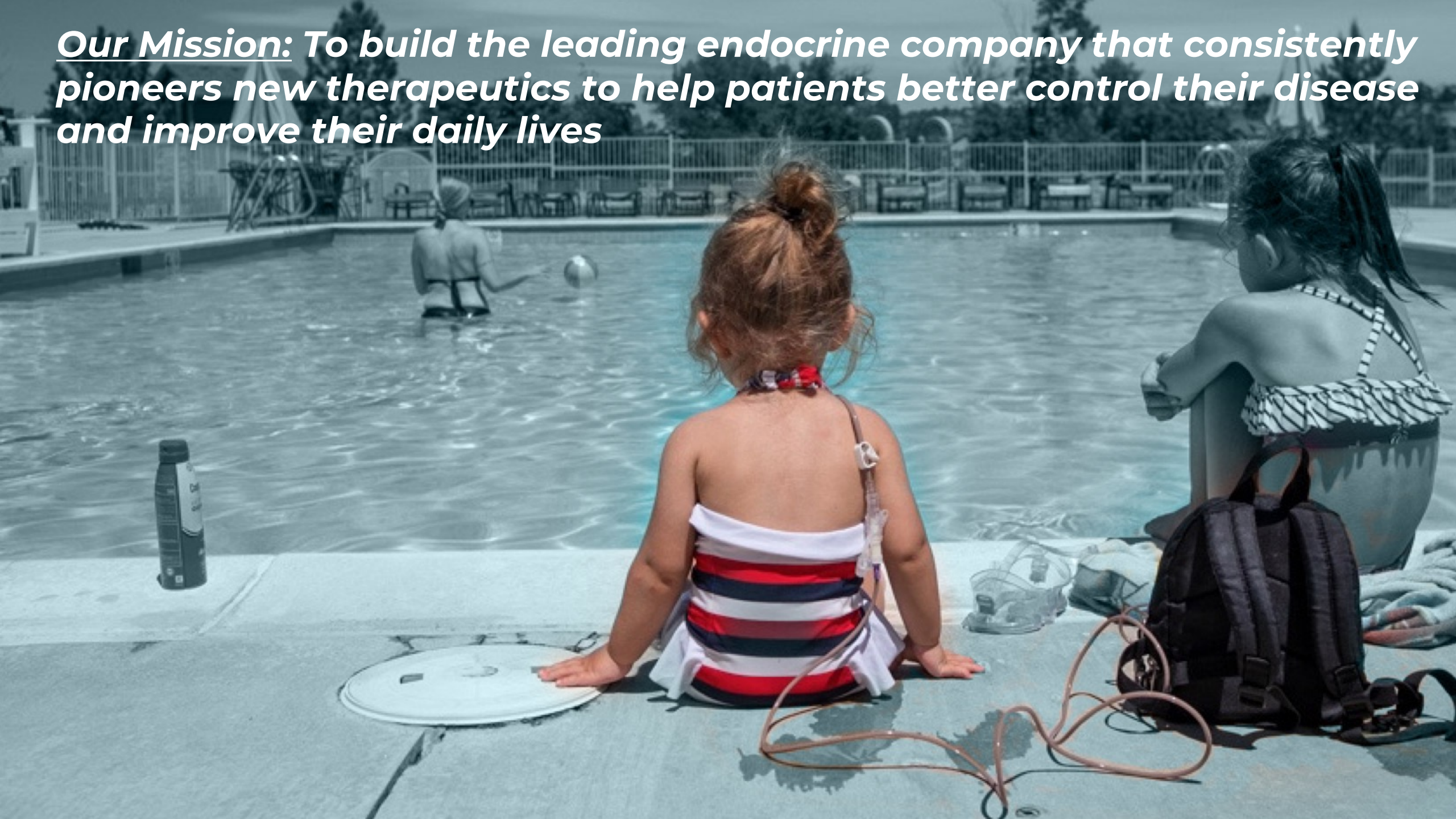


# Crinetics: Who We Are & What We Do

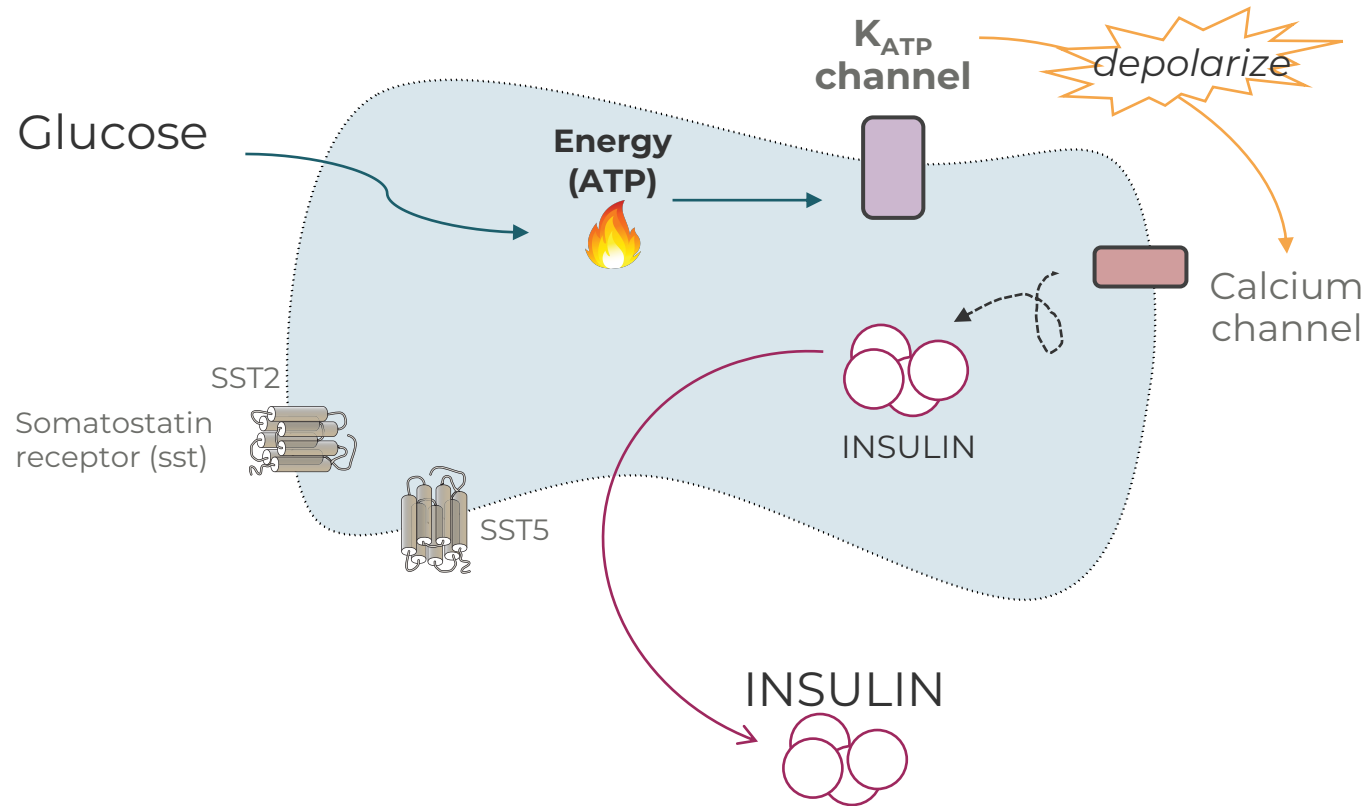




**Our Mission: To build the leading endocrine company that consistently pioneers new therapeutics to help patients better control their disease and improve their daily lives**

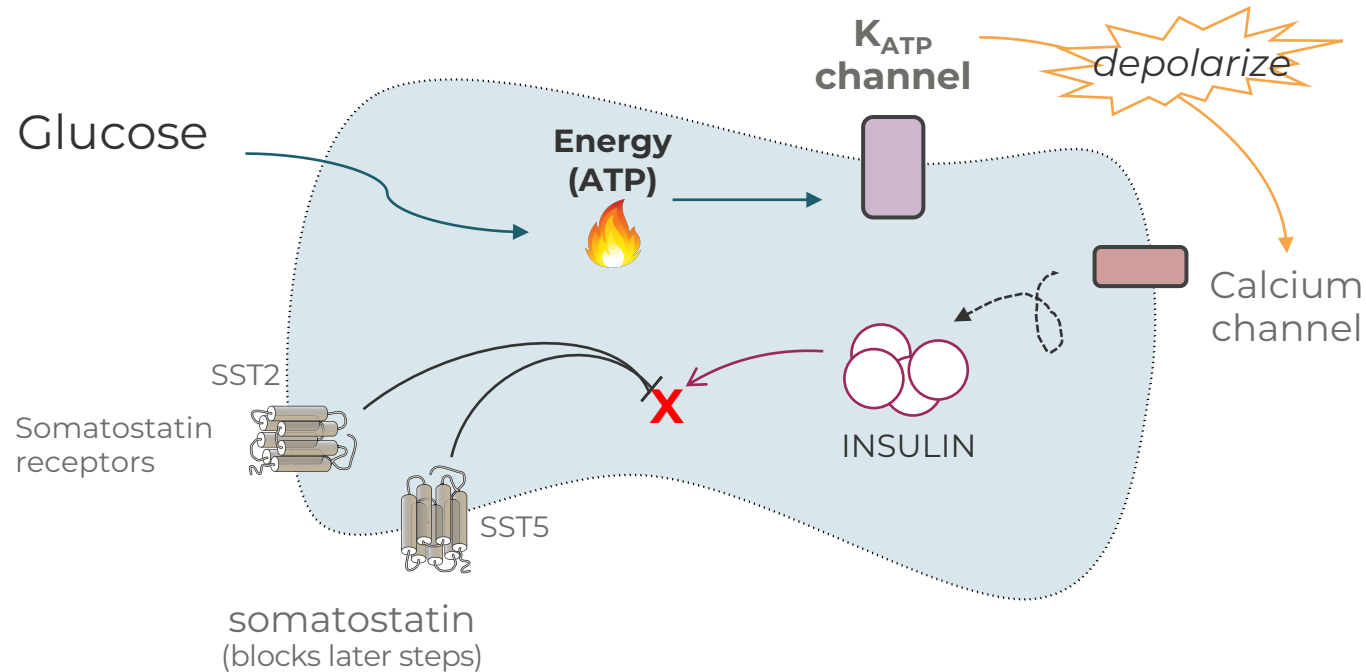


# Insulin Secretion: Inside the pancreatic beta-cell



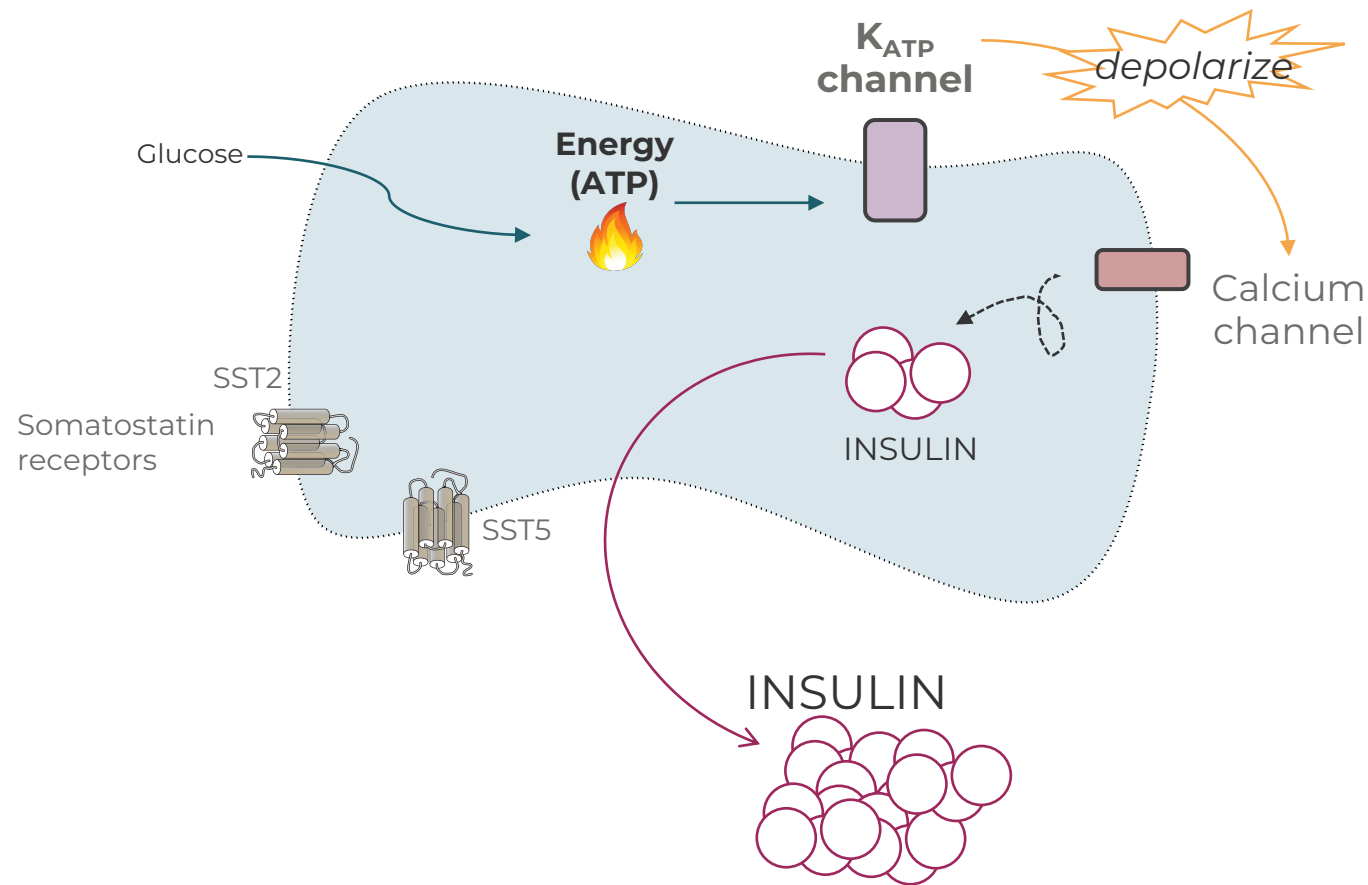
Under normal conditions glucose and insulin are tightly coupled

# Insulin Secretion: Inside the pancreatic beta-cell



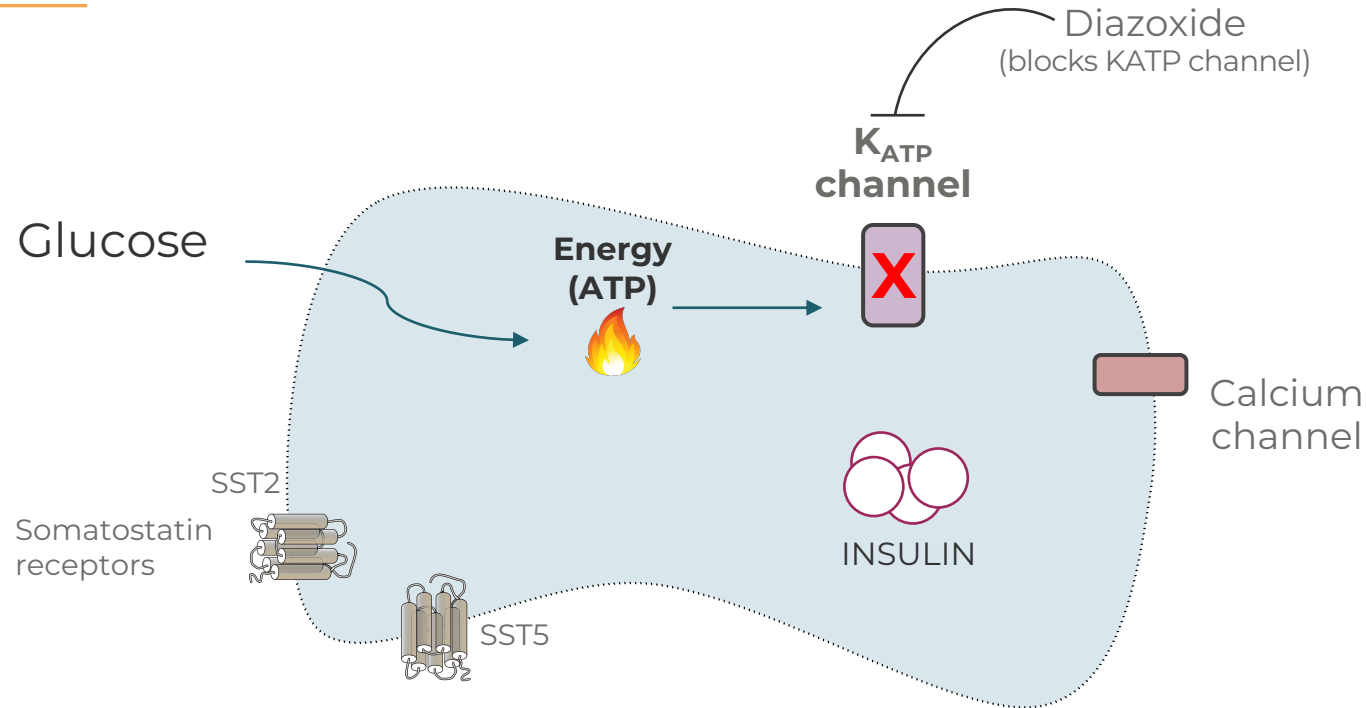
A less well-known hormone called **somatostatin** can turn off insulin secretion at one of the last steps

# Insulin Secretion: What happens in Congenital Hyperinsulinism?



Genetic mutations in Congenital HI, lead to insulin secretion continues even when glucose is low

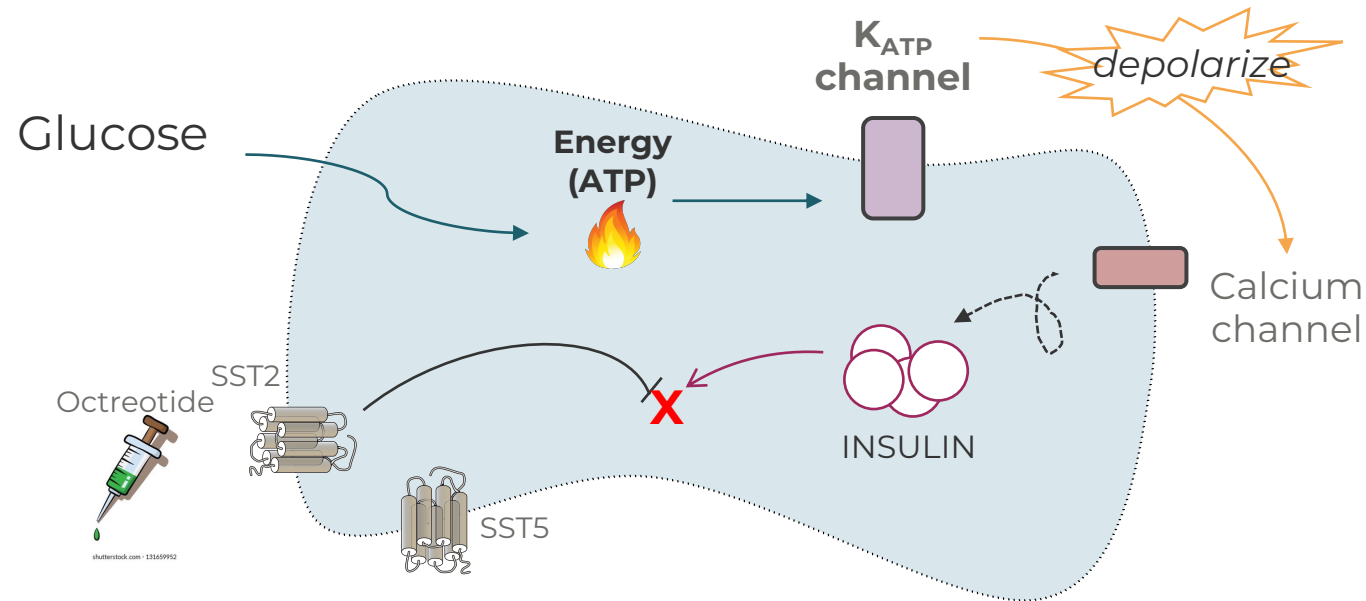
# Now what? What can we do?



Diazoxide is the only approved drug

- Blocks the K<sub>ATP</sub> channel
- Efficacy dependent on genetic mutation (ineffective in ~50% of patients)
- Even those patients where it works, it's a tough drug to tolerate

# Now what? What can we do?

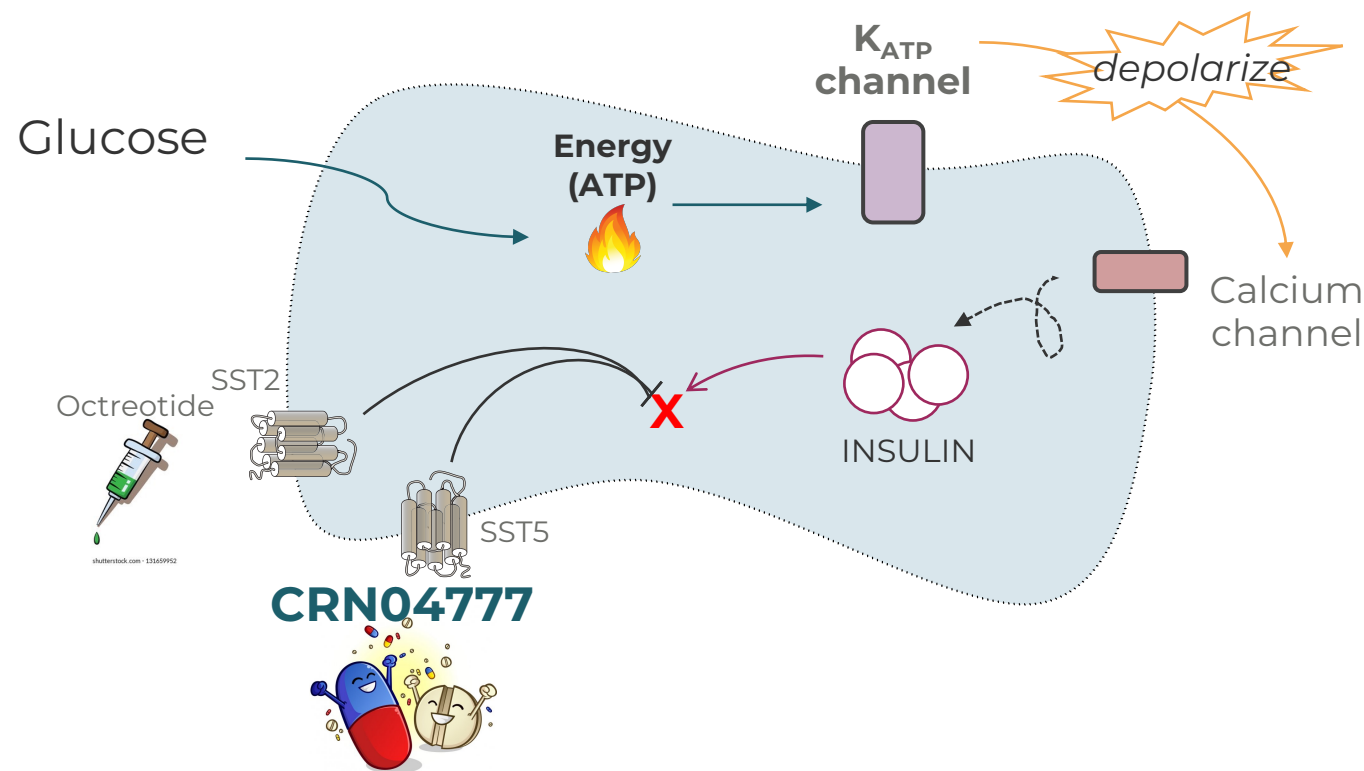


Somatostatin receptor agonists (activates the receptor)

- Blocks later steps of insulin secretion
  - Not genetics dependent
- Octreotide acts on SST2
  - Injectable and not for very young patients
  - May affect glucagon secretion



# Now what? What can we do?



Somatostatin receptor agonists (activates the receptor)

- Blocks later steps of insulin secretion
- Not genetics dependent
- Octreotide acts on SST2
- Injectable and not for very young patients
- May affect glucagon secretion

**CRN04777, an oral therapy, acts on SST5**

# So where are we? What's next?

- CRN04777 has received both US Rare Pediatric Disease and EU Orphan Drug Designations
- CRN04777 is in the middle of a Phase 1 study in healthy adults

**Make sure it's safe!**

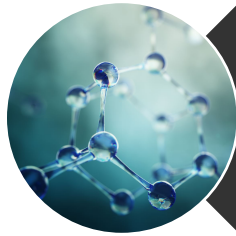
**Make sure it works!**

- ***Data soon!!!***



*Working  
together*

CHI  
Families  
&



CRN04777 is growing up and needs  
a name!



We want to include all CHI families!



Details are coming soon!



Visit [www.hyperinsulinisim.com](http://www.hyperinsulinisim.com) to  
sign up for notifications

*Check us out!*







CONFIDENTIAL