VTV THERAPEUTICS

Nasdaq: VTVT

Improving the Lives of Millions of Patients with Type 1 Diabetes

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vTv Value Proposition

- 1.6 million people in the US have type 1 diabetes
  - Growing at a rate of 2.9% annually
  - ~80% of patients fail to achieve adequate blood glucose control
- Phase 3-ready asset in *cadisegliatin* – an adjunct therapy for T1D patients to improve glycemic control while reducing the risk of hypoglycemia
- *Cadisegliatin* received Breakthrough Designation status with the FDA

Leadership Builds upon Decades of Life Sciences Expertise

Paul Sekhri
President & CEO

Carmen Valcarce, PhD
Chief Scientific Officer

Thomas Strack, MD
Chief Medical Officer

Steven Tuch
Chief Financial Officer

Rich Nelson
Head Corporate Development

Martin Lafontaine
Commercial Consultant

Key Recent Developments

- Successful $51 million PIPE investment to fund first Phase 3 trial
- Building out team
  - Hired Thomas Strack, Chief Medical Officer
  - Additional staffing anticipated in first half of 2024
- Finalized plans for first Phase 3 clinical trial
  - Protocol submitted to the FDA in February 2024
  - We expect patient recruitment to start in 2Q 2024

Financing

- $51 million raised through the sale of a combination of common stock and prefunded warrants
- Combined with cash on hand, the capital raised will fund the first Phase 3 clinical trial for *cadisegliatin*
- Subject to certain conditions, investors can purchase up to an additional $30 million of common stock the earlier of 18 months following the closing of the PIPE or when the company has an estimated 60 days of remaining cash
- Evaluating ways to generate additional opportunities within our current pipeline

Hypoglycemia: The Plague of Type 1 Diabetes

PATIENTS

Prevalent & Disruptive

85% Suffer from 1-2 hypo episodes every week [1]

Worrisome & Life-Threatening

3-7% of CGM users will suffer from a severe hypo episode resulting in seizure or coma every 3 months [2]

Counter-Productive

>21% of CGM users exhibit high avoidance behaviors (e.g., keeping elevated BG) [3]

PROVIDERS

Barrier to Treatment

76% Would treat patients more aggressively if not for risk of hypoglycemia[4]

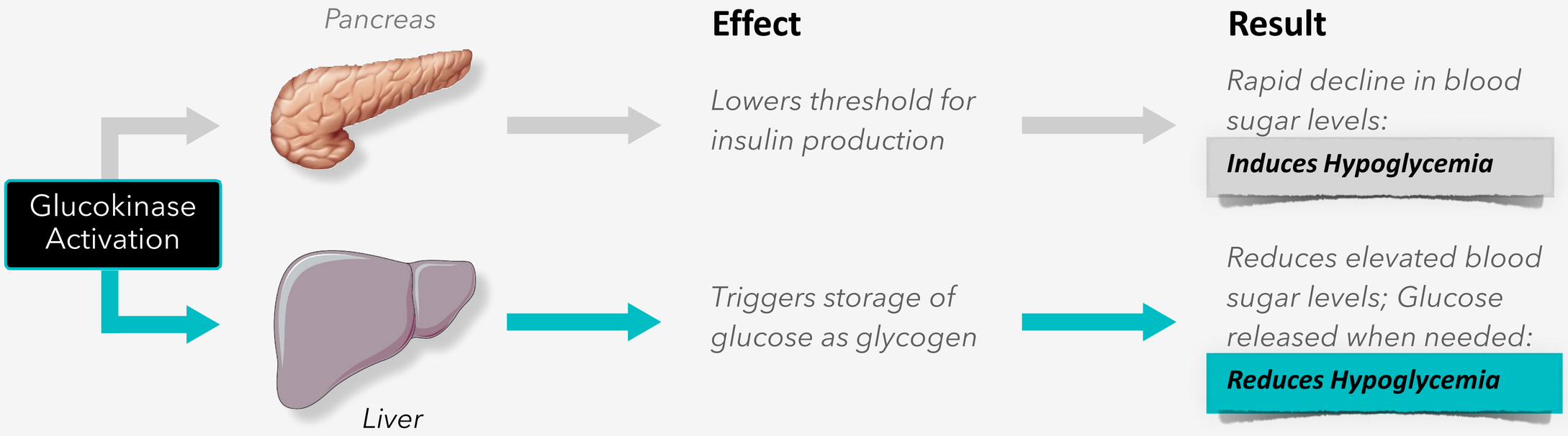
PAYORS

High Direct & Indirect Costs

1. *Cariou B, Fontaine P, Eschwege E, Lièvre M, et al. Frequency and predictors of confirmed hypoglycaemia in type 1 and insulin-treated type 2 diabetes mellitus patients in a real-life setting: results from the DIALOG study. Diabetes Metab. 2015 Apr;41(2):116-25 and Khunti K, Alsifri S, Aronson R, Cigrovski Berković M, et al; HAT Investigator Group. Rates and predictors of hypoglycaemia in 27,585 people from 24 countries with insulin-treated type 1 and type 2 diabetes: the global HAT study. Diabetes Obes Metab. 2016 Sep;18(9):907-15.*
2. *Foster NC, Beck RW, Miller KM, Clements MA, et al. State of Type 1 Diabetes Management and Outcomes from the T1D Exchange in 2016-2018. Diabetes Technol Ther. 2019.*
3. *dQ&A Market Research 2019.*
4. *Peyrot M, Barnett AH, Meneghini LF, Schumm-Draeger PM. Insulin adherence behaviours and barriers in the multinational Global Attitudes of Patients and Physicians in Insulin Therapy study. Diabet Med. 2012 May;29(5):682-9. doi: 10.1111/j.1464-5491.2012.03605.x. PMID: 22313123; PMCID: PMC3433794*

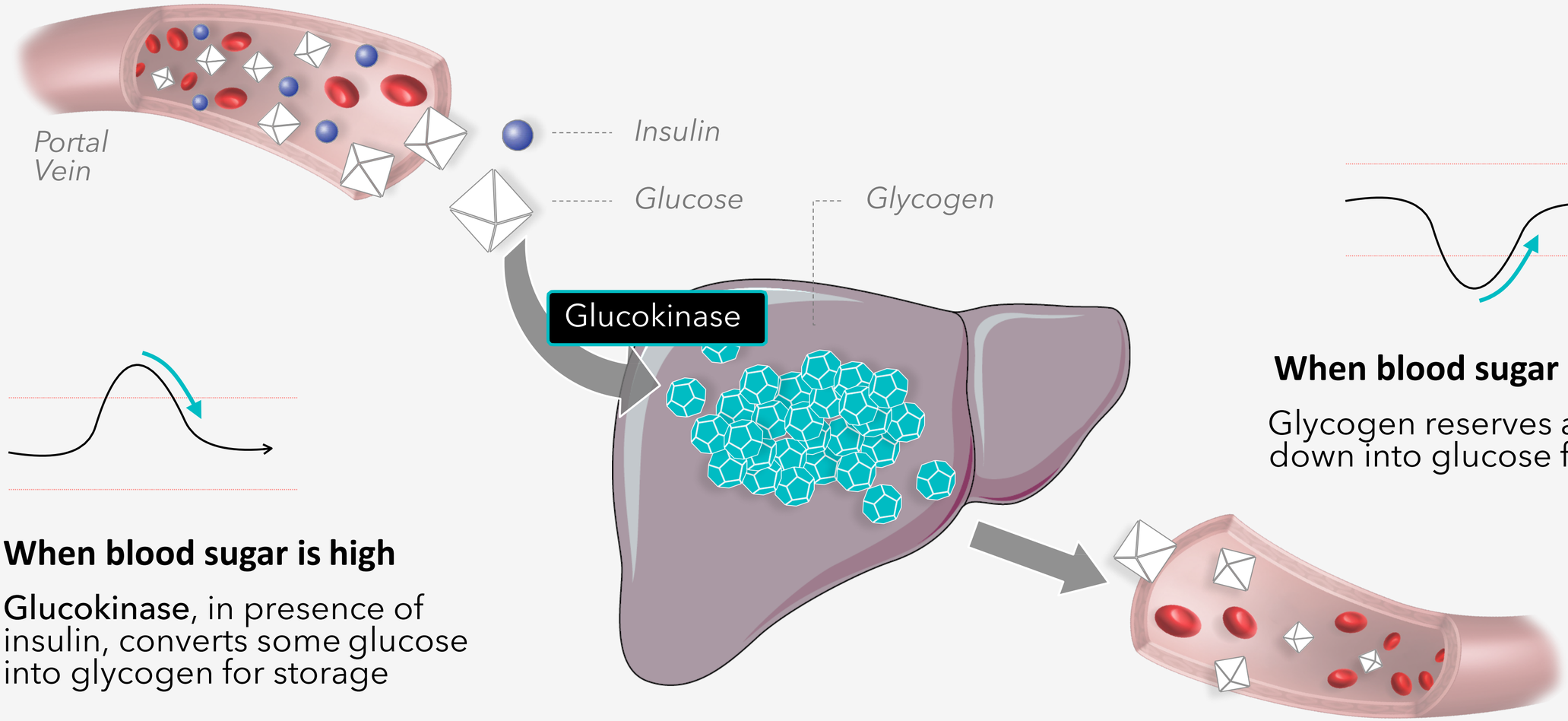
Cadisegliatin is the First Liver-Selective Glucokinase Activator to Reach Phase 3

Glucokinase is present in both pancreatic β-cells & the liver.
Past efforts to target have failed due to an increase in hypoglycemic events among other issues*



***Other factors:** Loss of potency over time; hypertriglyceridemia; fatty liver. None of these have been observed with *cadisegliatin* preclinically or in clinical studies up to 6 months.

In Non-Diabetic People, the Liver Acts as a Reservoir for Glucose with Insulin and Glucokinase being Key Gatekeepers



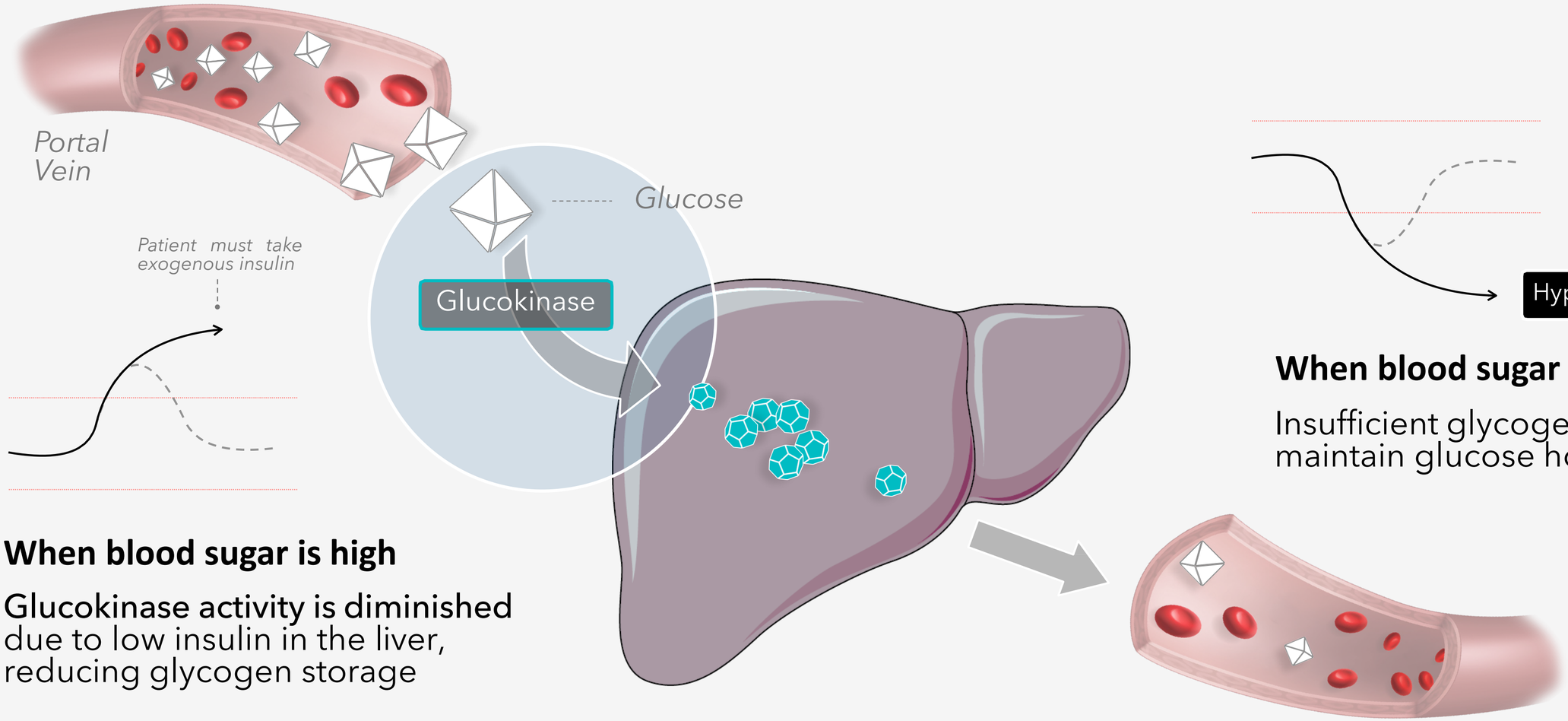
When blood sugar is high

Glucokinase, in presence of insulin, converts some glucose into glycogen for storage

When blood sugar is low

Glycogen reserves are broken down into glucose for release

With Type 1 Diabetes and Only Low Levels of Insulin Reaching the Liver, Glucokinase Activity Is Impaired



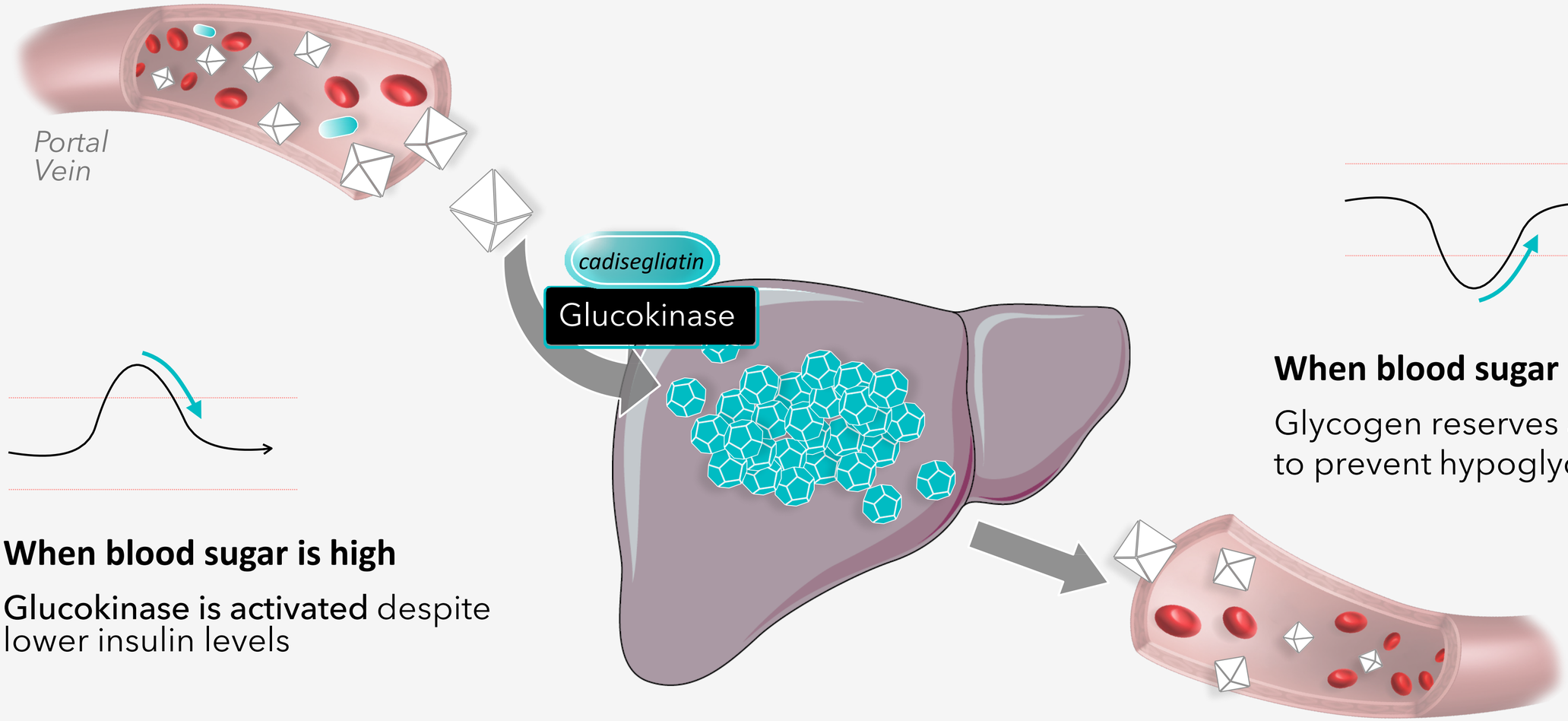
When blood sugar is high

Glucokinase activity is diminished due to low insulin in the liver, reducing glycogen storage

When blood sugar is low

Insufficient glycogen reserves to maintain glucose homeostasis

Cadisegliatin Reactivates Innate Glucose-Regulating Capacity of the Liver Even in the Absence of Increased Insulin Levels

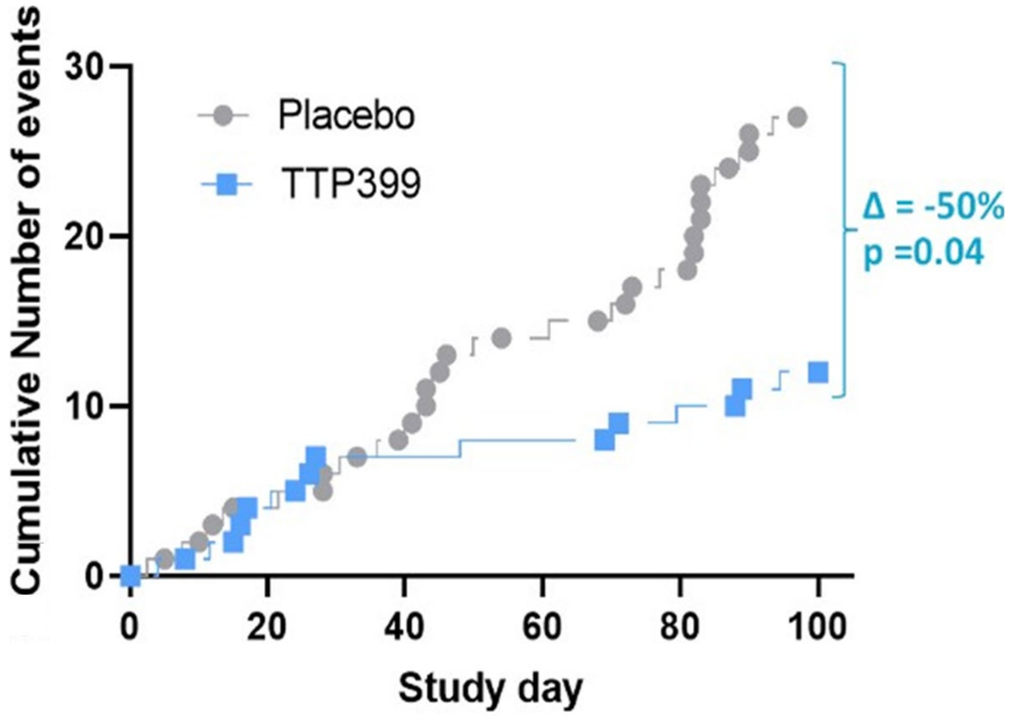


Our SimpliciT1 Trial Showed Reductions In Both Hypoglycemia and HbA1c

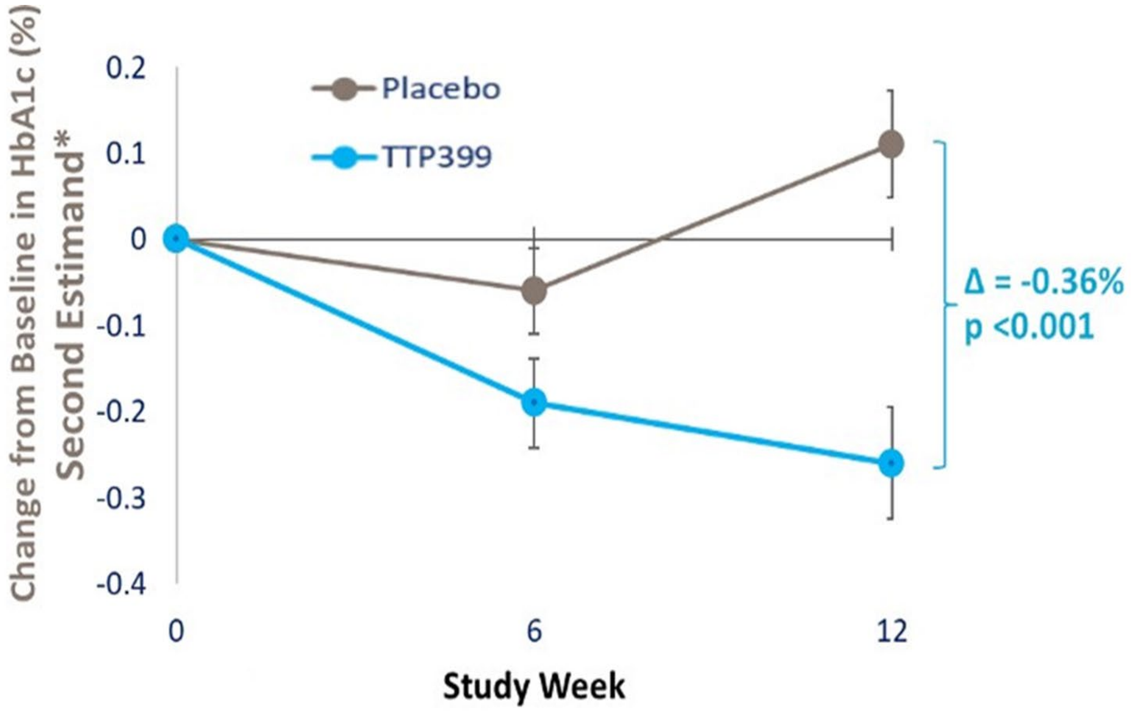
Trials sponsored in part by:

JDRF IMPROVING LIVES. CURING TYPE 1 DIABETES.

Fewer Hypoglycemic Events



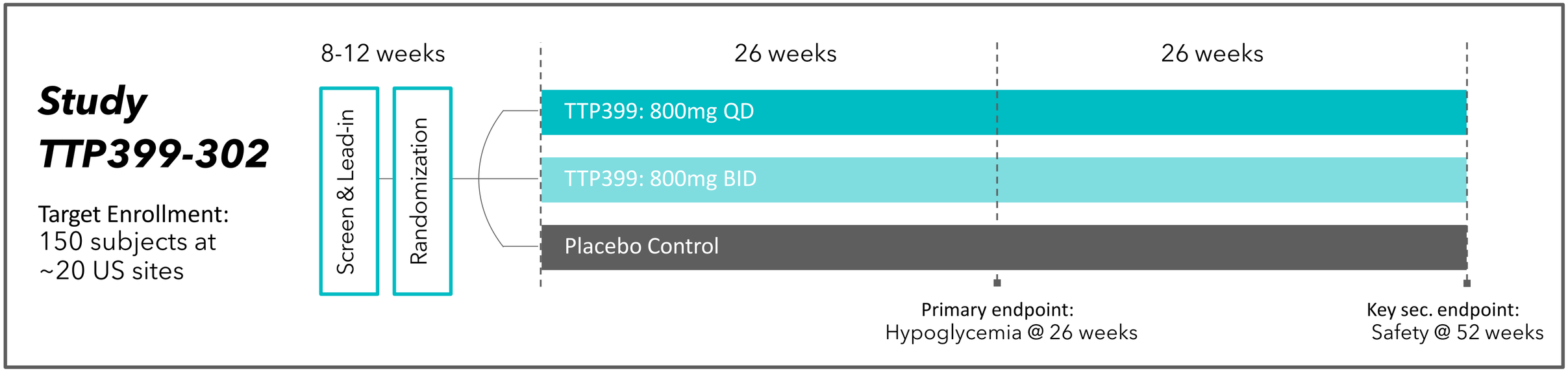
Improved Glycemic Control



Randomized, Double-Blind, Placebo Controlled 2-Part Study of ~100 patients. A total of 49 patients in the treatment groups received 800mg daily of *cadisegliatin*.

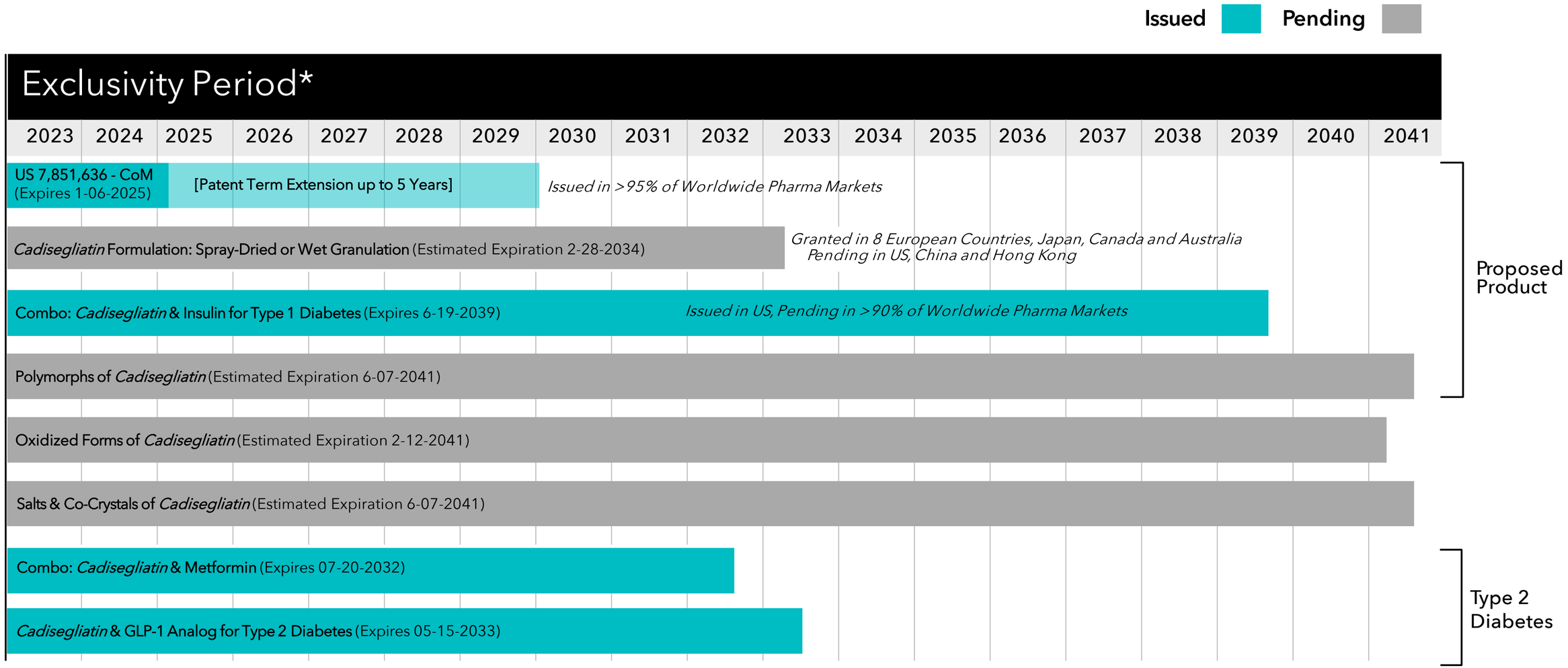
Study Details: https://diabetesjournals.org/care/article/44/4/960/138590/The-SimpliciT1-Study-A-Randomized-Double-Blind & https://clinicaltrials.gov/ct2/show/NCT03335371

Clinical Development Plan:
TTP399-302 is the first Phase 3 trial to assess the efficacy of *cadisegliatin* in patients utilizing continuous glucose monitoring (CGM)



Choice of endpoint, exposure & population criteria informed by specific FDA advice & published FDA clinical guidance

Strong IP Protection for Cadisegliatin through 2041



* Dates are provided for informational purposes only; actual results may differ from expectations

Pipeline

vTv
Partner
vTv and Partner

PRODUCT	PRE-CLINICAL	PHASE I	PHASE II	PHASE III	PARTNERS + REGIONS
Cadisegliatin **(TTP399)** GK Activator	Type 1 Diabetes Type 2 Diabetes				G42 Healthcare — Certain countries in the Middle East, Africa, and Central Asia
TTP273 Oral GLP-1R Agonist	Type 2 Diabetes Cystic Fibrosis-Related Diabetes				CYSTIC FIBROSIS FOUNDATION
HPP737 PDE4 Inhibitor	SAD/MAD Completed Psoriasis / COPD / Atopic Dermatitis				NEWSOARA 恒翼生物医药 — Asia (excl. Japan)
Mavodelpar (HPP593) PPAR-δ Agonist	Primary Mitochondrial Myopathies (PMM)* Long-chain fatty acid oxidation disorders (LC-FAOD)				Reneo Pharmaceuticals — Worldwide
Azeliragon RAGE Antagonist	Glioblastoma / Other Cancers and Cancer Treatment-Related Conditions				CANTEX PHARMACEUTICALS — Worldwide
HPP3033 Nrf2/Bach1 Modulator	Undisclosed				
TTP-RA RAGE Antagonist	Type 1 Diabetes Prevention				

* Reneo reported in Dec 2023, “The STRIDE study did not meet its primary or secondary efficacy endpoint.”

Conclusions

- Successful $51 million PIPE investment to fund first Phase 3 clinical trial
- 1.6 million people in the US have type 1 diabetes
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- Phase 3-ready asset in *cadisegliatin* – an adjunct therapy for T1D patients to improve glycemic control while reducing the risk of hypoglycemia
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