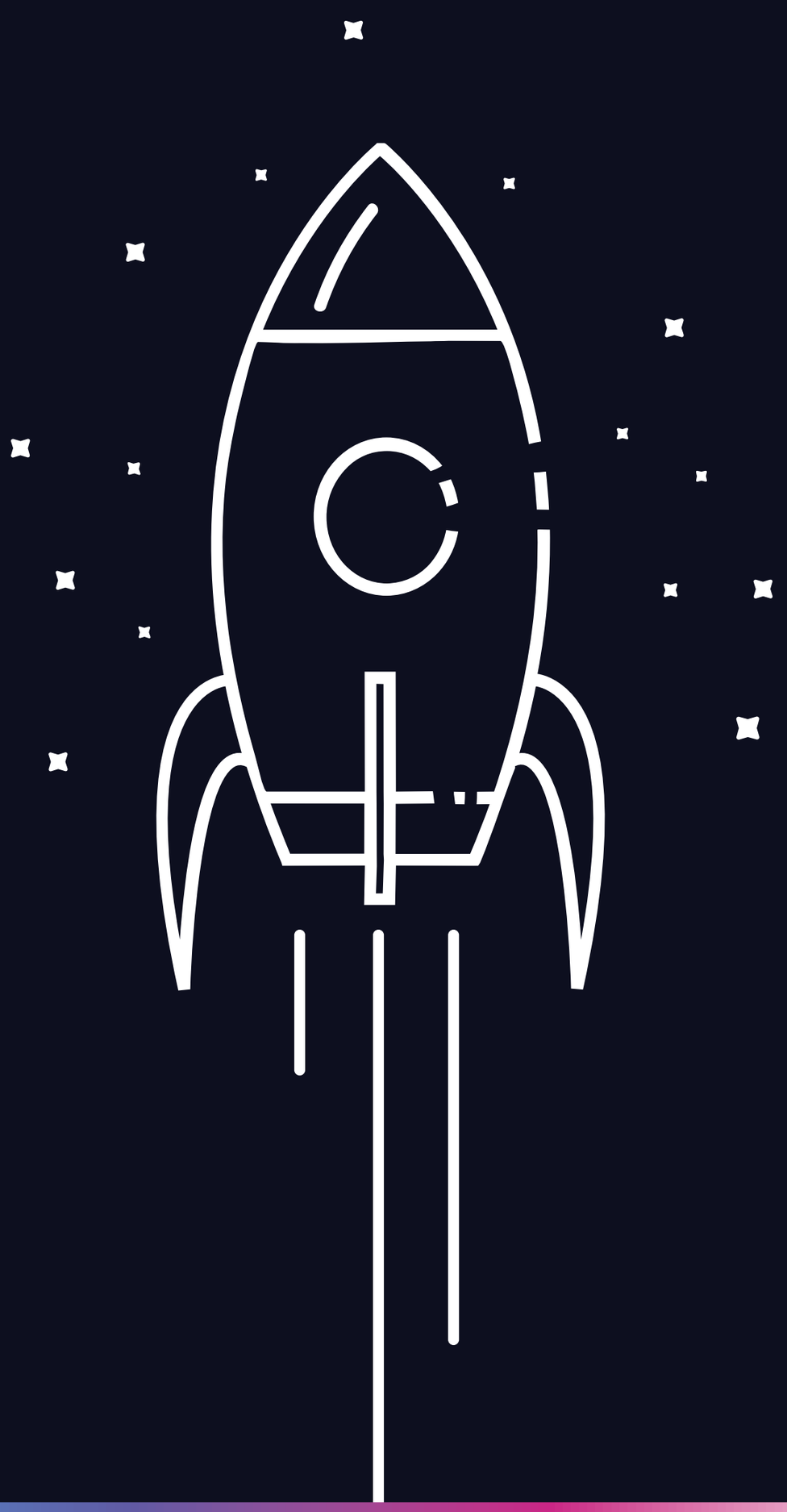
DCB Global Center for Technology Innovation in Diabetes

MEET OUR TOP 15

OF THE DCB OPEN INNOVATION CHALLENGE 2025



DCB OPEN INNOVATION CHALLENGE 2025: THE TOP 15

Alva Innovations Inc. (US)

In-line, just-in-time insulin infusion filtration - NO skin irritation!

Alva Innovations has developed a just-in-time filtration platform that removes insulin fibrils during pump therapy, thereby prolonging the lifespan of pump sets and maintaining healthy skin.

Autocast (POL)

System AutoCast - a mission to transform diabetic wound healing

System AutoCast offers advanced wound therapy with smart monitoring at home, empowering patients in their recovery and giving doctors insights that improve care and prevent complications.

Diabetes Driving Pal (US)

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The Diabetes Driving Pal app makes driving safer for people with diabetes with real-time voice alerts, trend analysis, and community support to prevent low blood sugar–related accidents.

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Diawiser (LTU)

Diawiser

Diawiser is a non-invasive software that detects blood glucose abnormalities with voice.

Insuflo (IND)

Insuflo - An affordable insulin pump for people with diabetes

Insuflo is an affordable, discreet, smartphone-controlled insulin pump reducing upfront costs (~$1,200 vs. ~$7,200), combating diabetes stigma, and enabling open-source, community-driven innovation in resource-constrained settings.

Kilele Health (US)

Multiparameter continuous monitoring to improve glucose prediction

Kilele will improve glucose prediction by making real-time hormone levels available to predictive algorithms. This breakthrough uses long-lived aptamer-chemistry biosensors configured similar to CGMs.

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Neuraura (CAN)

LoOoP by Neuraura: proactive management of diabetes risk in PCOS population (polycystic ovary syndrome)

LoOoP by Neuraura is a first in-kind solution for PCOS (polycystic ovary syndrome), combining a biowearable with a digital platform. 70% of individuals with PCOS develop insulin resistance and 50% develop pre-/diabetes before 40.

NIQS (UK)

QuEST - QUantum Enabled Sensing Technology

NIQS Tech Limited, a Leeds Uni spin-out, is developing GlucoGlass – the first non-invasive, reusable glucose sensor with 92–97% accuracy, offering sustainable, accessible diabetes care.

Noxisense (ARG)

Noxisense: Smart Device for Early and Objective Detection of Diabetic Neuropathy

A portable, AI-enhanced device that helps doctors detect diabetic nerve damage early—objectively, non-invasively, and before it leads to pain or amputations.

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PRELIQX (DEU)

Nephronin®

Nephronin® is a highly sensitive and specific test for the early detection of kidney injury. It enables timely intervention and helping prevent kidney failure in patients with diabetes.

SynchNeuro (US)

Brain signal-based non-invasive glucose monitor

SynchNeuro is developing the “Cardiometabolic Advisor,” a non-invasive, brain signal-based glucose monitor that also tracks sleep, heart rate, stress, and activity via a discreet behind-the-ear sensor.

Syntactiq (AUT)

Syno: Revolutionizing Diabetes Research

Syno revolutionizes diabetes research with a multi-agent AI platform and an unique contextualized dataset (1M+ patient-days), empowering rapid, insightful analysis for clinicians and researchers.

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U-Pump (US)

U-Pump

AI-powered wearable insulin patch pump with reusable cartridges, designed for affordability, comfort, and access in underserved diabetes populations.

Visage Medical (ISR)

Visage Pioneering the Visual Age

Visage brings life-saving diabetes detection to millions without access to care, using AI and a simple selfie. It’s fast, non-invasive, and built to reach anyone, anywhere.

YW MEMS (CHN)

Insulin patch pump drive

The MEMS MicroPump Module offers a highly integrated, precise, accurate and secure technology for insulin infusion, empowering the miniaturization and intelligent precision control for insulin pump.