DCB Global Center for Technology Innovation in Diabetes

DIABETES TECHNOLOGY SOCIETY

MEET OUR TOP 6

AMIC Health

Jorge
Bondia

Spain

"AMIC Health is a digital ecosystem for the healthcare professional to educate children with type 1 diabetes through safe experimentation with gamified diabetes simulators and quantify effectiveness."

Beep

Christine Brännvall

Sweden

"The Beep app feature uses lactate measurement to estimate insulin resistance in relation to physical activity, CGM data, food intake and sleep. Beep has built the world's first in-app lactate step testing feature where both the test and the results are easily managed with a lactate testing device and analysed for you, without the need of any administration."

neuria | Digital therapeutics

Frédérik Plourde, Lucas Spierer, Dan Bourquin, Hugo Najberg, Jean-François Knebel, Jimena Monroy Gomez, Malika Tapparel, Maurizio Rigamonti

Switzerland

"Neuria's gamified solution offers an evidence-based neurocognitive digital therapeutic that restores healthy consumption behaviors without awareness. Tested in 500+ individuals, it leverages brain plasticity and reduces cravings by 20%, consumption by 25%, and weight by 2-3% after a 15-hour intervention."

INNODOSE

Dr. Sufyan Hussain

Prof. Prashant Jha

Prof. Angus Forbes

United Kingdom

"Lipohypertrophy presents a significant clinical problem in diabetes management, as injections in these areas can reduce insulin effectiveness by up to 20%. This can lead to erratic glucose levels and increases the risk of hypoglycaemia when compensated doses of insulin are injected into areas unaffected by lipohypertrophy.

INNODOSE gamifies the injection process to reduce the incidence of lipohypertrophy in insulin-treated diabetes – with a co-design informed innovation of a novel insulin pen and pen-adaptor, drawing on collaboration between academics, clinicians, practitioners, engineers and designers at King's College London – with a focus on co-creation with the end users."

CGM+

Muhammad Mujeeb-U-Rahman

United States

"Integrated Medical Sensors (IMS) has developed the world's smallest, first fully-integrated (single chip) and first multi-sensor minimally invasive CGM, taking diabetes monitoring to the next level. It can monitor glucose using multiple independent sensors on the same device. In addition, it measures physiological parameters (e.g., tissue temperature) using the same device. Moreover, it can also measure multiple analytes (e.g., glucose and ketones) using a single device."

Genomelink

Yuta Matsuda

Viral Shah

United States

"A New Horizon in Type 1 Diabetes Diagnosis: Misdiagnosis between T1D and T2D is common due to a lack of accessible diagnostic methods. Our new DNA test offers a more accessible and accurate tool for diagnosis. Unlike the fluctuating antibody levels, genetic markers associated with T1D do not change over a person's lifespan, providing a stable diagnostic criterion."