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'1 in 10 people have diabetes' World's first home glycated hemoglobin measurement possible, Orange Biomed!



Reporter Lee Ye-ji | Posted 2024.12.11 17:58 |

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Diabetes, a silent disease... For management, glycated hemoglobin must be measured

Orange Biomed, periodic management of glycated hemoglobin is possible

On December 11, 'COMEUP 2024' was held at COEX in Gangnam-gu. 'COMEUP 2024', now in its 6th year, began in 2019 as a venue to promote Korea's excellent startup ecosystem to the world and for domestic and foreign startups, investors, and other members of the global startup and venture ecosystem to interact.

'ComeUp 2024' will be held at COEX in Seoul for two days from December 11th to 12th, and innovative startups and investors from around 40 countries are expected to participate.

This year's ComeUp's slogan is 'Innovation Beyond Borders', meaning that startups are driving global innovation beyond national and technological borders. Various programs such as academic conferences, pitching, and exhibitions will be held under the sub-themes of deep tech, inbound foreign startups, and SIS (Sustainable Innovation by Startup). In particular, the biggest feature of

this year's ComeUp is that it has moved from the Dongdaemun Design Plaza (DDP) in Seoul, where it had been held previously, to COEX, strengthening its function as an international (global) startup festival in a space that is more than twice as large.

Orange Biomed CEO Park Ye-seul gave a presentation at the Startup Valley session. Startup Valley is the main event of Comeupstars, a startup pitching session that showcases innovative ideas and technologies on a global stage. It consists of the Rookie League, Linus League, and Rocket League, and promising companies carefully selected from each field present their visions and compete.



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Diabetes affects 1 in 10 people and has serious complications. In other words, diabetes is a silent disease. In order to manage it, you must measure glycated hemoglobin. It is also screened to diagnose pre-diabetes. Orange Biomed can manage glycated hemoglobin periodically.

Park Ye-seul, the CEO, said, "We need to make sure that we are making a treatment plan and managing it well. We are having difficulties in managing diabetes. The existing method of measuring glycated hemoglobin approaches protein. Because it is protein, the device itself is designed to be large and complex. It uses expensive equipment that costs over 100 million won. We have been making efforts to make it smaller, and anyone can easily use a medical device that does not contain protein through a portable device instead of a bulky machine that costs over 100 million won."

The glycated blood nucleus machine made by Orange Biomed is the size of a smartphone and can be used semi-permanently, and its measurement accuracy is accurate. This method tests how hard red blood cells are, unlike the existing method. It uses an indirect method through the protein titration method. It gives the principle of giving diabetic complications when a tube is made and a drop of blood is dropped into the tube.



Digital Healthcare Partners CEO Choi Yoon-seop said about the reason for investing in Orange Biomed, "Digital Healthcare Partners' mission is to innovate healthcare through venture investment. We are investing in places where healthcare can be innovated."

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Meanwhile, 'ComeUp 2024', as the largest international (global) startup festival in Korea, has prepared various programs to strengthen the platform function that connects domestic and international venture and startup ecosystem stakeholders.

Minister of SMEs and Startups Oh Young-joo said, "Through ComeUp, we will show the innovations created by startups around the world and the future created by startup innovations," and "We will work to ensure that ComeUp can establish itself as a startup festival representing not only Korea but also Asia."

#digitalhealthcarepartners #orangebiomed

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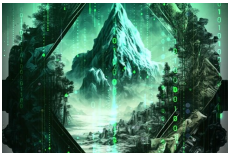
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