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Israel's CytoReason introduces AI clinical drug development platform to Japan's pharma market

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Partners with Summit Pharma International to progress the development of a clinical asset, using CytoReason's disease model.



CytoReason, an AI company developing computational disease models for discovery and clinical drug development, and Summit Pharmaceuticals International (SPI), a Japanese company providing service and products to the pharmaceutical industry have entered the Japanese market.

CytoReason's AI platform will use its disease model, along with clinical data from the leading Japanese pharmaceutical company, to help it gain a better understanding of how its drug behaves on a molecular level, relative to similar drugs on the market.

The first-ever collaboration between an Israeli company and a Japanese pharmaceutical company to bring AI to clinical drug development will explore the relationship between disease mechanisms and drug MoA in order to increase the drug's valuation in immunology. It is especially impactful as Japan has the third-largest pharmaceutical market in the world.

CytoReason helps pharma and biotech companies accelerate drug discovery and development with the use of its cell-centered computational models and proprietary data. The company's technology enables scientists to gather critical information on the body's immune functioning, which ultimately speeds up the scientific process and brings life-saving drugs to market faster and at a reduced cost.

R&D using AI technology is becoming essential in the pharmaceutical field and the industry has taken keen interest in CytoReason's technology. Sumitomo Corporation group facilitates digital transformation in various industries, and SPI intends to further support data-driven drug discovery and clinical development by CytoReason's proprietary AI/machine learning platform.