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Innovative Digital Institute of Medical Science to open in South Korea

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Korea Advanced Institute of Science and Technology (KAIST) recently announced that the Graduate School of Medical Science and Engineering held a groundbreaking ceremony for the 'Innovative Digital Institute of Medical Science,' a key infrastructure that will lead the future of the Korean bio-health industry, and has begun full-scale construction.

The Innovative Digital Institute of Medical Science, to be built at the KAIST Munji Campus, is a project designed to support the national development goal of 'Realizing a Powerhouse in Medical AI, Pharmaceuticals, and Bio-health' by fostering key talent and establishing an innovative startup infrastructure.

A total project cost of 42.232 billion KRW will be invested through cooperation between the government, Daejeon City, and KAIST. It is being constructed with a total floor area of approximately 10,000 square meters (3,025 pyeong) and is scheduled for completion in November 2027.

Through the establishment of this institute, the university expects to create a foundation to expand the scale of physician-scientist training from the current level of about 20 per year to 50–70 per year, which accounts for approximately 50% of the national demand. Through this, KAIST plans to establish a full-cycle support system so that convergence-type talents, who possess medical and clinical experience as well as science, technology, and AI capabilities, can grow into leading figures in the development of innovative new drugs, vaccines, and medical devices.

The Innovative Digital Institute of Medical Science will feature advanced research and support facilities, including an AI Precision Medicine Platform Research Center, a Data-driven Convergence Healthcare R&D Center, an Advanced Biomedical Data Analysis Center, a Digital Medical-Bio Open Lab, and open networking halls and seminar rooms.