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Curocell opens 'CAR-T Manufacturing GMP Facility' in Korea

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Curocell is developing OVIS technology with the goal of improving clinical efficacy of CAR-T therapies



Curocell, currently on PhaseÃ¢â?¦Â CAR-T Therapy clinical trial with CRC01 (anbalcabtagene autoleucel), has recently broken ground for the new CAR-T Centre in Dungok Residential & Industrial Area in Daejeon International Science & Business Belt, in South Korea.

The GMP Facility for commercial manufacturing CAR-T Cell therapy and R&D Centre for further pipeline development are constituting the 17,325 square-meter site of CAR-T Centre.

By the first half of 2023, construction is expected to be completed and in 2024, when the CAR-T Centre is fully operational, supply of advanced cure should be possible for patients in pain. Also, Curocell is expecting to expand their business to global market by in-housing all processes of CAR-T therapy development and production.

CRC01, recognized CD19 and is based on OVIS™, a first-in-class CAR-T platform. OVIS™ technology downregulates PD1 and TIGIT expression on CAR-T cells. Through overcoming the immune suppression by PD-1 and TIGIT ligands, OVIS™ CAR-T has superior cytotoxicity to tumor cells in the tumor microenvironment. Phase II clinical trial of CRC01 will start in South Korea in the first half of 2022.