

March 20, 2023

Press Release

Celaid Therapeutics Inc.
Knowledge Palette, Inc.

Knowledge Palette and Celaid Therapeutics executed a collaborative research contract for stable manufacturing and quality control of cord blood-derived cell therapy products

- Celaid Therapeutics and Knowledge Palette executed a collaborative research contract.
- In this research, we analyze frozen cord blood samples prepared by Celaid Therapeutics using the single-cell transcriptome technology of Knowledge Palette to clarify the characteristics of the cells in the cord blood samples. Through this research, we aim to realize more stable manufacturing and quality control of cord blood-derived cell therapy products.

About Celaid Therapeutics Inc.

Celaid Therapeutics is a Japan-based biotech start-up developing cell therapy products utilizing hematopoietic stem cells (HSCs) for blood cancers such as leukemia and immunological diseases. In the treatment of blood cancers, a certain number of HSCs must be transplanted in order to cure disease. Celaid Therapeutics aims to safely and efficiently expand the number of HSCs ex-vivo and deliver them to patients as next-generation cell therapy products.

About Knowledge Palette, Inc.

Knowledge Palette is a Japanese biotechnology company conducting phenotypic drug discovery, biomarkers identification, and improvement of regenerative medicine manufacturing based on our single cell transcriptome analysis technology (Quartz-Seq2), which was ranked No.1 for both accuracy scores and overall scores in an international benchmark project in 2020. We are collaborating with pharmaceutical companies and research institutes on acceleration of drug discovery as well as optimization of cell culturing for regenerative medicines.

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