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Cellect, Cell2in teams to improve stem cell quality

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Singapore - Cellect Biotechnology, a developer of a novel stem cell production technology, announced that it has signed a collaboration agreement with Cell2in, a South Korean company focused on improving the quality of cells. According to the agreement, the companies will conduct scientific evaluations combining Cellect's technology platform ApoGraft with Cell2in's proprietary identification technology FreSHtracer which monitors stem cell quality by utilizing a fluorescent dye to characterize their oxidative stress state.

Cell2in's FreSHtracer technology and its unique characteristics may improve the functionality and efficacy of Cellect's ApoGraft technology through the selection of desirable stem cells and quantification of the expansion process. Better quantification of quality stem cells is expected to lead to continuous improvements in Cellect's technology platform. Cellect's and Cell2in's technologies may also be integrated to produce a complementary advantage with the aim of producing associated improvements in clinical outcomes.

"We have the opportunity, through this collaboration, to potentially further improve the overall selection and expansion process of stem cells, resulting in higher quality cells at a lower cost than current industry standards," stated Cellect CEO Dr. Shai Yarkoni. "Cellect's strategy is to build partnerships across the stem cell industry and this collaboration with Cell2in, as well as others we recently announced, is very much in line with our approach to bring disruptive stem cell technology to the masses."