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Cellular launches stromal cell purification kit

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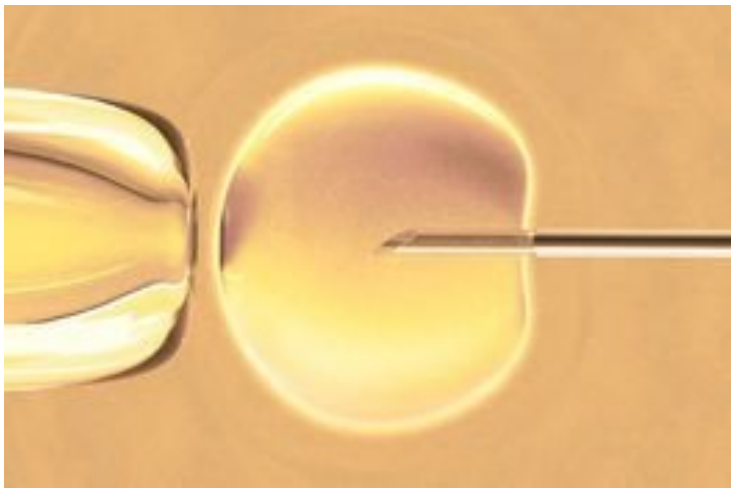

Singapore: US-based Cellular Biomedicine is all set to launch 'A-Stromal', aÃ?Â adipose stromal cell purification kit in China. In addition, they have signed an exclusive license deal for mainland China and Hong Kong for ProCeller computer controlled processing system in order to extract stem cells from adipose tissue.

These two products, when used together, allow for safe and contaminant-free isolation of one million Vascular Stromal Cells per 1 mL of adipose tissue in as little as 60 minutes. The potential clients for both products are cosmetic clinics, research institutions, sports medicine departments and veterinarian clinics.

A-Stromal kit was developed by Cellular Biomedicine Group and is covered by two China patents. The China Food and Drug Administration (CFDA) approved this kit as a medical device and it is the first certified product of its kind in China. It contains all critical reagents and material to purify Vascular Stromal Cells (VSC) or Stromal Vascular Fraction (SVF) from adipose (fat) tissue and includes detailed instructions for use and hands-on training.

Dr William Cao, CEO, Cellular Biomedicine, said that, "The proprietary protocols of the A-Stromal kit provide a high concentration of VSC, averaging one million VSC cells per one mL of adipose tissue, with greater than 90 percent cell viability. This allows the doctor to extract a very small amount of adipose tissue from the patient in order to isolate enough VSC required for a therapeutic or cosmetic procedure."

The A-Stromal kit will be manufactured in Cellular Biomedicine's cGMP-certified facility in Wuxi, China, which has been approved by the CFDA as a manufacturing facility for Medical Devices and is accredited ISO (International Standards Organization) 9001:2008 certification by internationally recognized quality management system SGS.