



## **Creatv MicroTech Receives Japanese Patent for Cancer Screening**

The issued patent covers broad clinical applications strengthening the company's global patent portfolio.

**December 3, 2018** – Rockville, MD - Creatv MicroTech, Inc. (Creatv) has received notice from the Japanese Patent Office that its patent covering numerous clinical applications for the detection of cancer associated macrophage-like cells (CAMLs) in cancer patient blood samples has been issued. Clinical applications of the CAML biomarker include cancer screening, various cancer diagnostics, and early detection of disease recurrence. Approved claims cover all solid tumors. Similar patents have been issued in Europe and Australia.

CAMLs are giant polynucleated cells that are found in the blood of cancer patients, but not in healthy individuals. They are present in all solid tumors studied to date, including epithelial cancers, sarcomas, melanoma, and neuroblastoma. The unique CAMLs are found along with circulating tumor cells (CTCs). However, CAMLs are found at all stages of cancer including Stage 1, unlike CTCs, which are rarely found in the early stages of cancer.

Creatv developed its CellSieve™ microfiltration platform for capturing and analyzing CTCs and CAMLs. The patented filtration process removes all red blood cells and more than 99.9% of white blood cells. The rapid and gentle process protects the delicate cells, and the low fluorescent background enables high quality imaging.

### **About Creatv MicroTech**

Creatv MicroTech ([www.creatvmicrotech.com](http://www.creatvmicrotech.com)) is a privately held company founded in 2000. Creatv's expertise in biodetection and microfabrication were instrumental in the development of the CellSieve™ microfiltration platform and the discovery of the CAML biomarker.

CellSieve™ assays are available for research use only, and are currently used in hospitals and clinics throughout the US and nine other countries. Creatv has been recognized by an R&D 100 Award, Micro/Nano 25-Technologies of Tomorrow List, and Montgomery County Maryland's Bioscience Company of the Year Award.

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