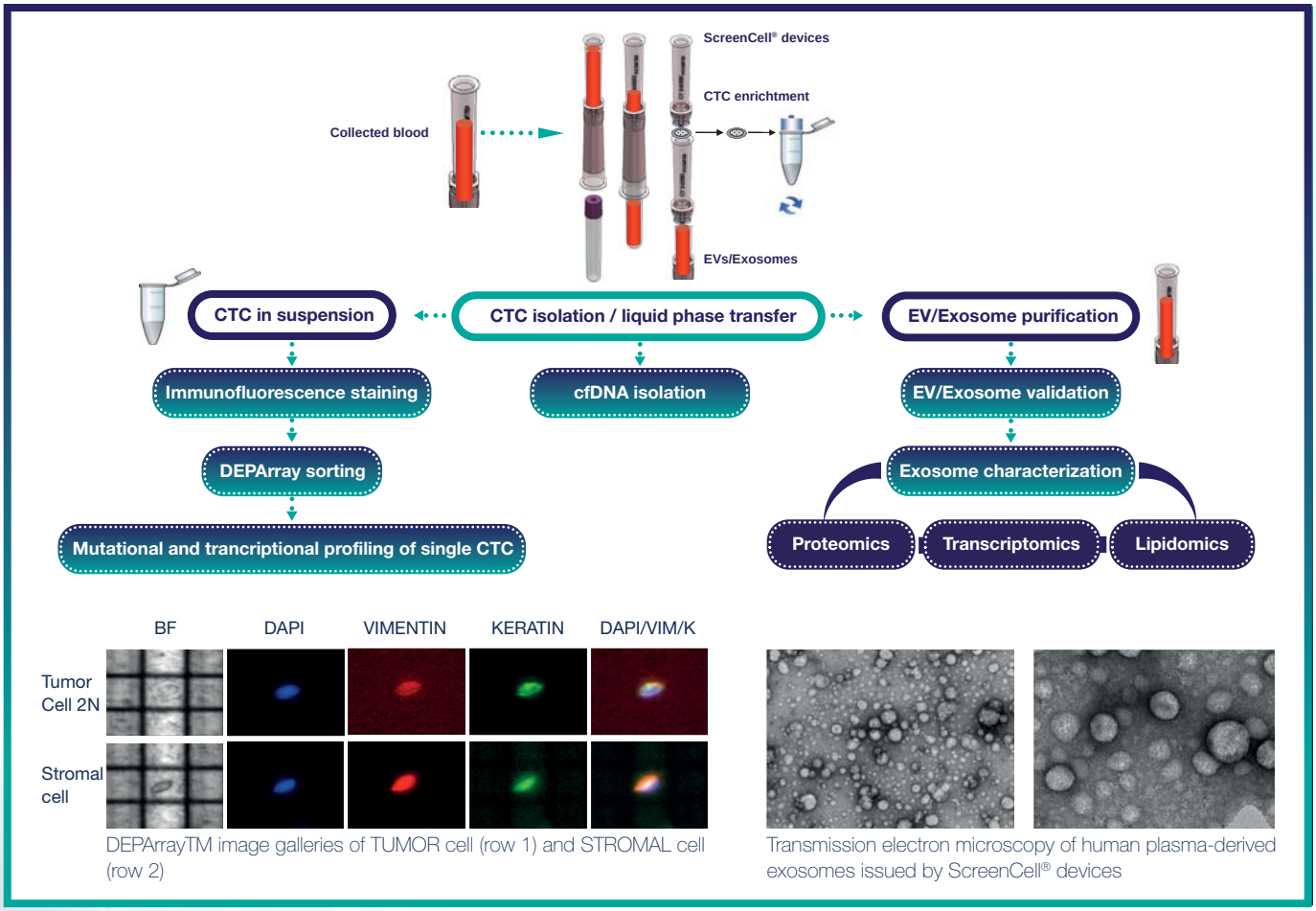
CTC, Exosome and cfDNA isolation from blood

Workflow in CTC, Exosome and cfDNA isolation process



DEPArrayTM image galleries of TUMOR cell (row 1) and STROMAL cell (row 2)

Transmission electron microscopy of human plasma-derived exosomes issued by ScreenCell® devices

ScreenCell® Technology

ScreenCell® was set-up with the belief that just enumerating Circulating Tumor Cells (CTCs) without easily characterizing them was not enough to allow the early detection of a disease and to potentially follow-up the cancer progression. ScreenCell® has designed and produced a simple but revolutionary technology allowing the fast and effective isolation of CTCs for a better cellular and molecular characterization. Furthermore, extracellular vesicles/exosomes and cfDNA can be collected in parallel to CTC isolation for further purification and analysis of DNA, RNA and proteins.

DEPArray® single cell isolation

DEPArray® technology allows for the automatic recovery of rare cells from all types of cellular suspensions.
Thanks to cell specific fluorescence labeling and morphological criteria, it is possible to select relevant cells including single cells, and to isolate and collect them individually into various supports. The cells may be collected individually or in "pool" from the pre-enriched sample.

EXCILONE

Service for single cell and Exosome isolation

EXCILONE

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