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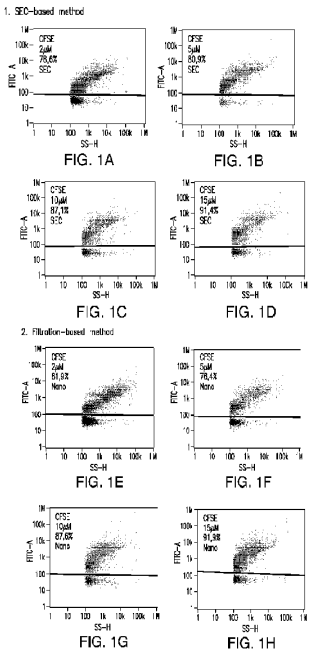

(57) Abstract: The present disclosure provides methods for processing extracellular vesicles in which the extracellular vesicles are not purified, prior to contacting with a fluorescent staining dye or an antibody. By utilizing a centrifugal filter, excess staining dye or antibody can be readily removed prior to analysis of one or more characteristics of the extracellular vesicles. The methods provide rapid and simple processing and analysis, while maintaining a high concentration of extracellular vesicles.

WO 2023/056272 A9

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