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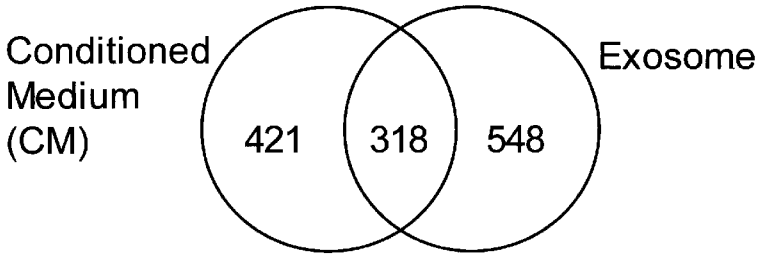
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(54) Title: METHODS OF DETECTING THERAPEUTIC EXOSOMES

FIGURE 1



(57) Abstract: We describe a method of detecting a therapeutic exosome, the method comprising detecting an activity of an exosome. The activity may be selected from the group consisting of: (a) immunodulatory activity; (b) complement inhibition activity; (c) proteasome activity; (d) glycolytic enzyme activity; (e) anti-oxidative activity; (f) extracellular matrix (ECM) modifying activity; (g) NT5E (CD73) ecto-5'-ectonucleotidase activity; (h) ion homeostasis activity; and (i) chaperone activity. If the exosome is detected as having one or more such activities, the exosome is likely to comprise a therapeutic exosome having therapeutic activity.