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(54) Title: METHODS FOR DETERMINING INTERACTION BETWEEN BIOLOGICAL CELLS

(57) Abstract: The present invention relates to methods for determining the propensity of cells to interact in a population of cells comprising at least two distinguishable subpopulations of cells. In addition, the present invention provides methods for diagnosing a disease or predisposition to a disease of a cell donor, wherein the method comprises the determination of the propensity of cells to interact in a population of cells obtained from the donor, wherein the population of cells comprises at least two distinguishable subpopulations of cells. The invention also provides methods for determining whether a subject suffering from or predisposed to a disease will respond or is responsive to treatment with a therapeutic agent by determining the alteration of the propensity of cells to interact in a population of cells obtained from the subject, wherein the population of cells comprises at least two distinguishable subpopulations of cells. The invention also relates to methods for screening for a therapeutic agent comprising the determination whether one or more test substances alter the propensity of cells to interact.



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