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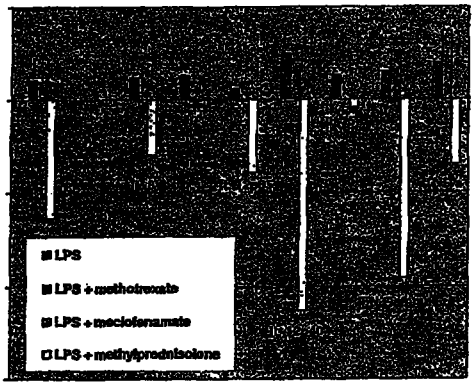
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(54) Title: SYSTEMS AND METHODS FOR CHARACTERIZING A BIOLOGICAL CONDITION OR AGENT USING CALIBRATED GENE EXPRESSION PROFILES

Comparative Drug Profiling Shows Differences Among Anti-Inflammatory Drugs with Different Mechanism of Action



(57) Abstract: The invention provides a method, for evaluating a biological condition of a subject, comprising: a. obtaining from the subject a sample having at least one of RNAs and proteins; b. deriving from the sample a first profile data set, the first profile data set including a plurality of members, each member being a quantitative measure of the amount of a distinct RNA or protein constituent in a panel of constituents selected so that measurement of the constituents enables measurement of the biological condition; and c. producing a calibrated profile data set for the panel, wherein each member of the calibrated profile data set is a function of a corresponding member of the first profile data set and a corresponding member of a baseline profile data set for the panel, the calibrated profile data set providing a measure of the biological condition of the subject.

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