

CLAIMS

WHAT IS CLAIMED IS:

- 5 1. A method of predicting the occurrence of a medical condition that requires medical intervention, the method comprising:
- a. measuring concentrations of a first set of biomarkers present in a biological sample obtained from a subject ~~and measuring one or more physiological indicators of said subject in said biological sample at a given frequency, wherein~~
- 10 the first set of biomarkers are suspected to be predictive of the medical condition;
- b. based on the concentrations measured in (a), generating a subset of biomarkers from the first set of biomarkers, wherein said subset of biomarkers comprises either or both of i) a subset of biomarkers that are more correlative with the
- 15 occurrence of the medical condition, and ii) a subset of biomarkers that are generated from a new frequency of measurement of the biomarkers; and
- c. measuring concentrations of the subset of (b) and/or following the new frequency of measurement of one or more biomarkers, thereby predicting the occurrence of the medical condition.
- 20
2. The method of claim 1 further comprising analyzing data reflecting the concentrations ~~and/or the physiological indicators with multivariate statistical software.~~
3. The method of claim 1 or 2, wherein the biological sample is diluted by an
- 25 appropriate fold.

30