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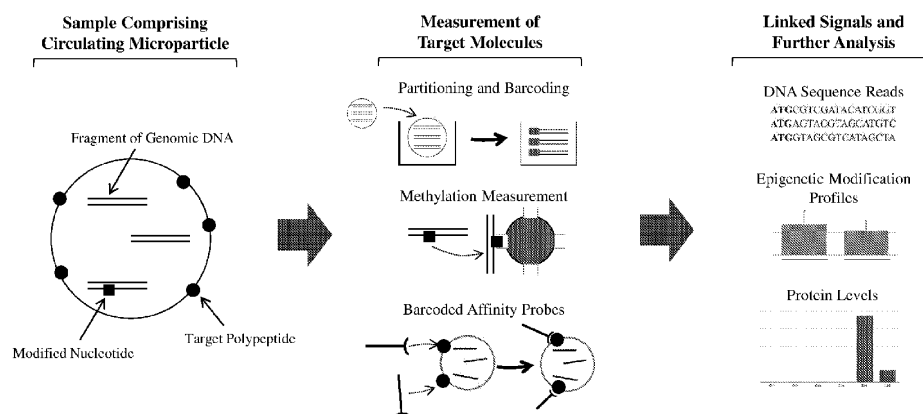
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(54) Title: METHODS FOR THE ANALYSIS OF CIRCULATING MICROPARTICLES

Multi-parametric measurement of target molecules in a single circulating microparticle

FIGURE 30



(57) Abstract: Reagents and methods for the analysis of cell free biomolecules (e.g. cell free nucleic acid molecules and cell free polypeptides) of circulating microparticles (i.e. microparticles originating from blood) are provided. The methods comprise analysing a sample that comprises a circulating microparticle or a sample derived from a circulating microparticle. The methods include methods of measuring at least two linked signals, each signal corresponding to the presence, absence and/or level of a biomolecule of a circulating microparticle. The methods also include methods of determining the presence, absence and/or level of a biomolecule of a circulating microparticle using a barcoded affinity probe. In certain methods both nucleic acid biomolecules and non- nucleic acid biomolecules of a circulating microparticle are analysed together. Reagents for use in the methods are also provided.

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