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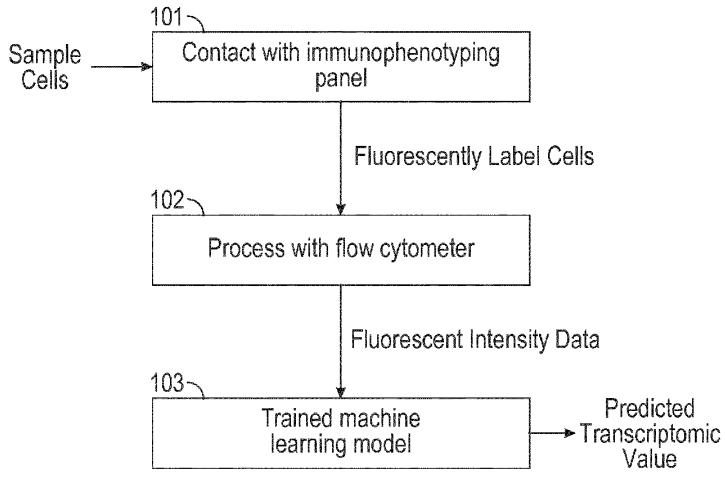


FIG. 1

(57) Abstract: Method and systems for generating a single cell gene expression and/or clonality status profile for a subject from only flow cytometry data. Methods and systems for training a machine learning model to predict single cell gene expression and/or clonality status from flow cytometry and methods and systems to use the trained machine learning model to generate a single cell transcriptomic profile for a subject.

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