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(54) Title: METHODS AND COMPOSITIONS FOR ANALYZING IMMUNE INFILTRATION IN CANCER STROMA TO PREDICT CLINICAL OUTCOME

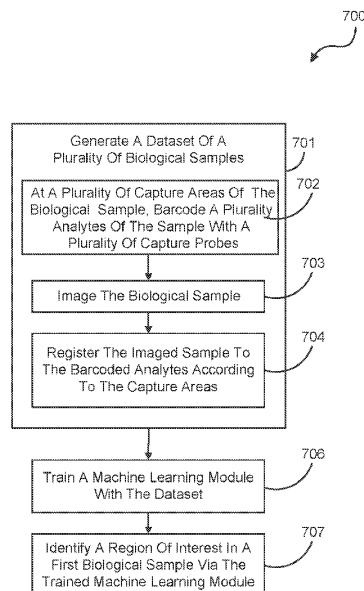


FIG. 7

(57) Abstract: Provided herein are methods for analyzing immune cell infiltration in a cancer stromal region of a biological sample obtained from a subject using machine learning modules. For example, the methods may include (a) identifying a cancerous region or an analyte associated with the cancerous region in the biological sample; (b) identifying a stromal region or an analyte associated with the stromal region in the biological sample; (c) identifying one or more immune cells or an analyte associated with an immune cell in one or more locations in the biological sample; and (d) using (i) the identified cancerous and stromal regions or associated analytes thereof in the biological sample and (ii) the identified one or more immune cells or associated analytes thereof to analyze immune cell infiltration in the cancer stromal region of the biological sample obtained from the subject.

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