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(54) Title: ECM COMPOSITION, TUMOR MICROENVIRONMENT PLATFORM AND METHODS THEREOF

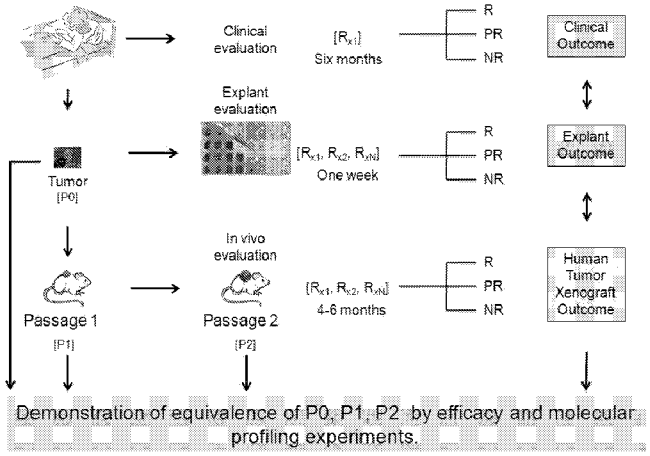


Figure 1

(57) Abstract: The present disclosure relates to an Extra Cellular Matrix composition specific for cancer type and a tumor microenvironment platform for long term culturing of tumor tissue, wherein said culturing provides human ligands and tumor tissue micro-environment to mimic physiologically relevant signalling systems. The present disclosure further relates to the development of a Clinical Response Predictor and its application in the prognostic field (selection of treatment option for the patient) and translational biology field (development of anticancer drugs). The disclosure further relates to a method of predicting clinical response of a tumor patient to drug(s). The disclosure further relates to a method for screening tumor cells for the presence of specific markers for determining the viability of said cells for indication of tumor status.

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