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(54) Title: INDIVIDUALIZED VACCINES FOR CANCER TREATMENT AND PREVENTION

(57) Abstract: The present invention includes a method of preparing apoptotic bodies from a tumour and immunogenic compositions thereof. The method of preparation comprises: obtaining human tumour cells from a subject, inducing apoptosis of the human tumour cells with a drug or a physical treatment, and collecting apoptotic bodies from the apoptotic human tumour cells by centrifugation. The method comprises two centrifugation steps, low-speed at 50 g for 5 minutes to pellet cells, followed by high-speed centrifugation of the obtained supernatant at 3,000 g for 8 minutes to pellet apoptotic bodies. The purity of the apoptotic bodies (also referred to as immunogenic Tumor Apoptotic Bodies (TABi)) was determined by FACS to be 82.22%.



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