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(54) Title: ACELLULAR ORGANS, AND METHODS OF PRODUCING THE SAME

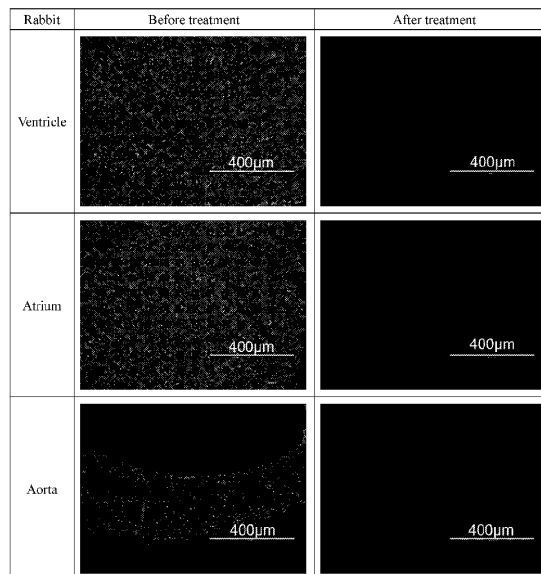


Fig. 3A

(57) Abstract: Provided are methods of producing an acellular organ. The method includes the steps of, subjecting an organ derived from an animal to a static supercritical fluid (SCF) treatment followed by a dynamic SCF treatment. Optionally, the method of the present disclosure further includes a hypertonic and a hypotonic treatments prior to the static SCF treatment, and/or a neutralizing treatment after the dynamic SCF treatment. Also disclosed herein are acellular organs produced by the present method.

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