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(54) Title: METHODS AND COMPOSITIONS FOR ORGAN AND TISSUE FUNCTIONALITY

(57) Abstract: Materials and methods for treating tissue defects in human or animal tissues using implantable cells are described. Further, culture techniques and factors for enhancing these procedures, and cell survival and adaptation are described. Many of the tissue defects may be treated with autologous cells, while applications involving non-autologous cells or stem cells are also described.



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