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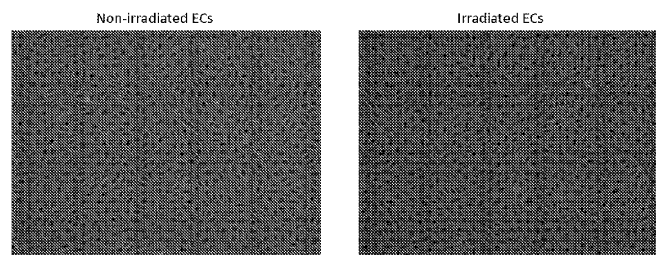


Fig. 1

(57) Abstract: The present disclosure relates to the field of hematopoietic stem or progenitor cell transplantation. More specifically, methods, compositions and kits for improving expansion and engraftment of hematopoietic stem or progenitor cells by co-culturing and co-administering with endothelial cells are provided. The methods, compositions and kits are useful for treating various dis-
orders relating to deficiencies in hematopoiesis caused by disease or myeloablative treatments.

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