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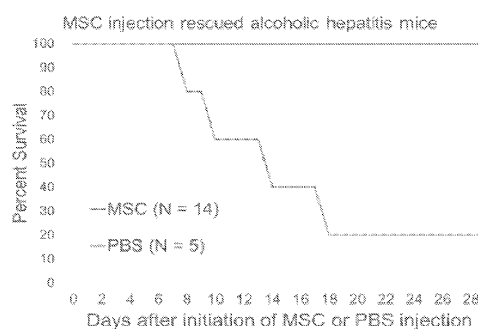
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(54) Title: METHODS AND COMPOSITIONS FOR TREATING LIVER DISEASE

FIG. 1



(57) Abstract: Provided are methods of treatment comprising administering to a subject, in need thereof, a therapeutically effective amount of activated stem cells to the affected tissue or organ. The methods described herein are treatment modalities employing mesenchymal stem cells (MSC) in the treatment of mammals, as well as MSC purification and formulation methods including the "activation" or "preconditioning" of stem cells.