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(54) Title: EXTRACELLULAR VESICLES HAVING ANTI-BACTERIAL AND WOUND HEALING FUNCTIONS

(57) Abstract: An extracellular vesicle (EV) exhibiting anti-bacterial and wound healing functions, wherein the EV is derived/obtained/isolated from a mesenchymal stem cell (MSC) which has been primed with one or more species of bacteria. Also provided are compositions thereof and uses of the EVs and compositions in the treatment of infections, wound, and aesthetic procedures.

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