NOVEL ANTI-BACTERIAL PEPTIDES DERIVED FROM DIFFERENTIATING STEM CELLS

ABSTRACT

The present disclosure provides an anti-bacterial peptide comprising ENOS or SPARCL1, or partial sequences thereof. The present disclosure also provides a conditioned cell culture media comprising the anti-bacterial peptide, wherein the conditioned cell culture media is made by culturing adipose-derived mesenchymal stem cells. The technology also relates to a method of treating infections using the peptides.

[Figure 16]