

**TITLE OF INVENTION: MODIFIED ANTIMICROBIAL PEPTIDE
DERIVED FROM AN ARGININE-RICH DOMAIN**

ABSTRACT

5 An antimicrobial peptide, the peptide comprising 2 to 20 variable domains, each variable domain is a sequence of 2 to 20 consecutive basic amino acids, wherein (a) the variable domains are separated from each other by a variable linker, (b) the variable linker can have 1 to 20 any amino acids other than two or more consecutive basic amino acids, and (c) the peptide has no more than 100 amino acids.

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FIG. 1