



(51) International Patent Classification:

C07K 14/47 (2006.01) A61K 38/17 (2006.01)
C07K 7/08 (2006.01) A61P 31/04 (2006.01)
A61K 38/10 (2006.01)

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(21) International Application Number:

PCT/SG2023/050319

(22) International Filing Date:

08 May 2023 (08.05.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10202204848T 09 May 2022 (09.05.2022) SG

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ,

(54) Title: NOVEL ANTI-BACTERIAL PEPTIDES DERIVED FROM DIFFERENTIATING STEM CELLS

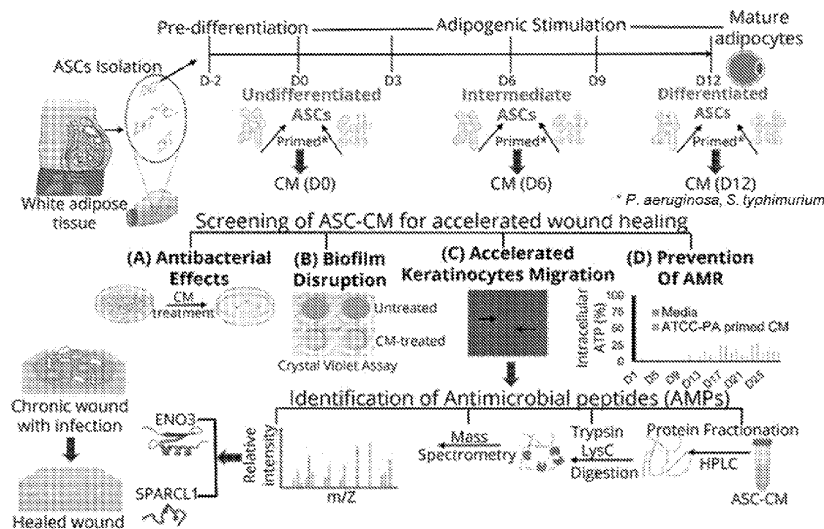


Figure 16

(57) 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.

[Continued on next page]

RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *of inventorship (Rule 4.17(iv))*

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*
- *with sequence listing part of description (Rule 5.2(a))*