

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
08 August 2024 (08.08.2024)



(10) International Publication Number
WO 2024/160777 A1

(51) International Patent Classification:

A61K 38/08 (2019.01) A61P 17/00 (2006.01)
A61K 38/10 (2006.01) A61P 17/02 (2006.01)
C07K 14/47 (2006.01)

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))
— with sequence listing part of description (Rule 5.2(a))
— in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE

(21) International Application Number:

PCT/EP2024/052168

(22) International Filing Date:

30 January 2024 (30.01.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2023-011773 30 January 2023 (30.01.2023) JP
63/441,949 30 January 2023 (30.01.2023) US

(71) Applicant: **IN2CURE AB** [SE/SE]; Scheelevägen 2,
22381 Lund (SE).

(72) Inventors: **HARTMAN, Helene**; Göingegatan 4, 22241
Lund (SE). **SCHMIDTCHEN, Artur**; Göingegatan 4,
22241 Lund (SE).

(74) Agent: **HØIBERG P/S**; Adelgade 12, 1304 Copenhagen K
(DK).

(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, 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,
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).

(54) Title: PEPTIDES FOR TREATMENT OF SKIN DISEASE

(57) Abstract: The present invention relates to peptides for treatment of skin diseases and skin conditions. In particular, the present invention relates to peptide for treatment of wounds and/or blisters in patients suffering from a skin disease or skin condition selected from the group consisting of blistering disease, a disease or condition characterized by excessive wound exudate, a disease or condition characterised by a dysregulated skin microbiome and scars.



WO 2024/160777 A1