



(51) International Patent Classification:

C07K 16/26 (2006.01) A61K 39/395 (2006.01)
A61K 38/17 (2006.01) A61P 25/06 (2006.01)

(21) International Application Number:

PCT/US2022/074238

(22) International Filing Date:

28 July 2022 (28.07.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/226,875 29 July 2021 (29.07.2021) US

(71) Applicant: CEPHALON LLC [US/US]; 145 Brandywine
Parkway, West Chester, Pennsylvania 19380 (US).

(72) Inventors: **DOYLE, Anthony Gerard**; 100 Gipps St.,
Drummoyne, New South Wales 2047 (AU). **CLARKE,
Adam**; 34 King St., Riverstone, New South Wales
2765 (AU). **BUTT, Danyal**; 606/ 11 Chandos Street,
St. Leonards, New South Wales 2065 (AU). **LAINE,
David**; 1/35 Ashburn Place, Gladesville, New South Wales
2111 (AU). **MACRAE, Hugh**; 1/94 Camden Street, New-
ton, New South Wales 2042 (AU). **VO, Jenny**; 204/2C
Warf Road, Melrose Park, New South Wales 2114 (AU).
ROZENFELD, Julia; 11 Warandoo St., Gordon, New
South Wales 2072 (AU). **SURADE, Sachin**; Unit 607,
18-26 Romsey Street, Waitara, New South Wales 2077
(AU).

(74) Agent: **GOTTFRIED, Lynn F** et al.; ONE FINANCIAL
CENTER, BOSTON, Massachusetts 02111 (US).

(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, ME, MG, MK, MN, 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, GH,

GM, KE, LR, LS, MW, MZ, NA, RW, 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, 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).

Published:

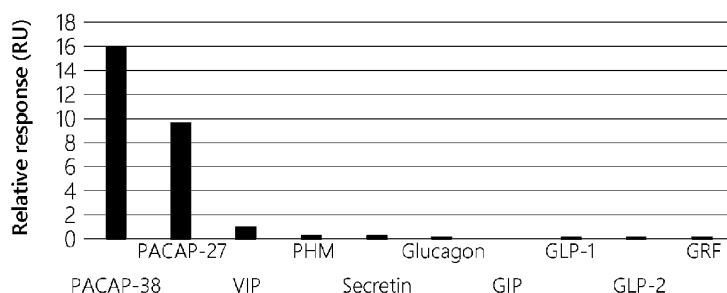
- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))
- with sequence listing part of description (Rule 5.2(a))

(88) Date of publication of the international search report:

16 March 2023 (16.03.2023)

(54) Title: COMPOSITIONS AND METHODS FOR ANTI-PACAP ANTIBODIES

FIG. 4



(57) Abstract: The present disclosure generally relates to anti-PACAP antibodies, pharmaceutical compositions comprising such antibodies, and methods of producing and using such antibodies.