



(51) International Patent Classification:

A61P 21/00 (2006.01) *C07K 16/24* (2006.01)*A61P 25/02* (2006.01) *A61K 39/00* (2006.01)

(21) International Application Number:

PCT/US2021/036298

(22) International Filing Date:

08 June 2021 (08.06.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/037,755 11 June 2020 (11.06.2020) US

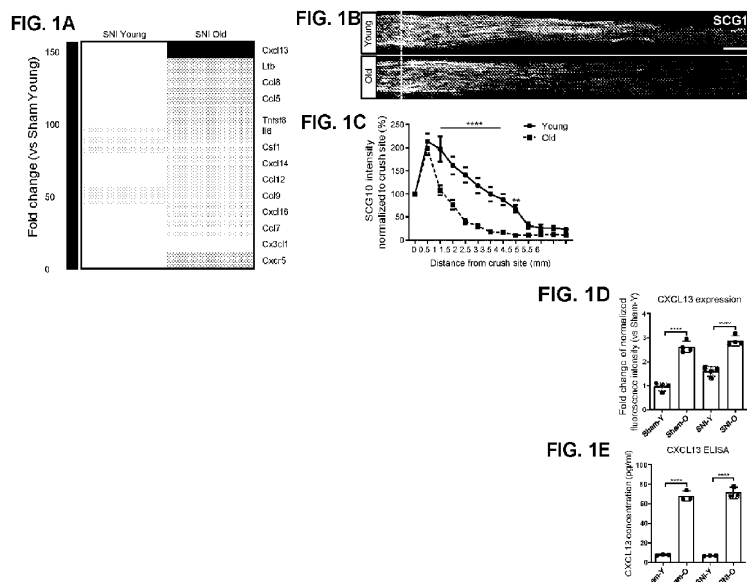
(71) Applicant: **VACCINEX, INC.** [US/US]; 1895 Mt. Hope Avenue, Rochester, New York 14620 (US).(72) Inventors: **DIGIOVANNI, Simone**; 23 Kenyon Street, London SW6 6JZ (GB). **ZHOU, Luming**; 21 East Acton Lane, East Acton, London W3 7HD (GB).(74) Agent: **TOFFENETTI, Judith**; 2601 Weston Parkway Suite 103, Cary, North Carolina 27513 (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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, 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).

(54) Title: USE OF CXCL13 BINDING MOLECULES TO PROMOTE PERIPHERAL NERVE REGENERATION

Figure 1



(57) **Abstract:** Provided herein are methods for promoting axonal regeneration of sensory neurons and functional recovery of neurons following peripheral nerve injury in a subject experiencing aging-dependent nerve regenerative decline, the method comprising administering to a subject in need thereof an effective amount of an isolated binding molecule which specifically binds to CXCL13.

[Continued on next page]

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))*