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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
09 October 2025 (09.10.2025)

WIPO | PCT

(10) International Publication Number
WO 2025/212376 A1

(51) International Patent Classification:
C12N 5/0775 (2010.01) *A61K 35/407* (2015.01)
A61K 35/28 (2015.01) *A61P 1/16* (2006.01)

(21) International Application Number:
PCT/US2025/021816

(22) International Filing Date:
27 March 2025 (27.03.2025)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/574,884 04 April 2024 (04.04.2024) US
63/757,013 11 February 2025 (11.02.2025) US

(71) Applicant: **HEPATX CORPORATION** [US/US]; 2627 Hanover Street, Palo Alto, CA 94304 (US).

(72) Inventors: **SCHUUR, Eric**; 65785 Mariposa Lane, Bend, OR 97703 (US). **BOGLIOTTI, Yanina**; 84 Fairlawn Drive, Berkeley, CA 94708 (US).

(74) Agent: **KUMAMOTO, Andrew**; HelixIP LLP, 1935 Belmont Avenue, San Carlos, California 94070 (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, 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, UY, 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).

Published:
— *with international search report (Art. 21(3))*
— *with sequence listing part of description (Rule 5.2(a))*

WO 2025/212376 A1

(54) Title: NOVEL COMPOSITIONS FOR TREATING DISEASE

(57) Abstract: The present disclosure provides novel cell compositions (e.g., Hx-001), and methods of using the novel cell compositions (e.g., Hx-001) to treat disease (e.g., liver disease). In an aspect, the novel cell compositions (e.g., Hx-001) can regenerate liver tissue.