

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
25 August 2022 (25.08.2022)



(10) International Publication Number
WO 2022/175373 A1

(51) International Patent Classification:

A61K 35/413 (2015.01) *A61K 9/00* (2006.01)
A61K 35/407 (2015.01) *C12N 5/071* (2010.01)
A61P 1/16 (2006.01)

(21) International Application Number:

PCT/EP2022/053910

(22) International Filing Date:

17 February 2022 (17.02.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2102235.5 17 February 2021 (17.02.2021) GB

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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, 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, 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))

(54) Title: TRANSPLANTATION OF LIVER CELLS BY ADMINISTRATION TO THE BILIARY TREE OF THE LIVER

(57) Abstract: This invention relates to *in vitro* and *in vivo* methods for engrafting liver cells, such as cholangiocytes, into a liver comprising administering the liver cells to the biliary tree of the liver. The liver cells may be in the form of aggregates and may be administered in the direction of decreasing biliary duct diameter. This may be useful for example for the treatment of an individual with a diseased or damaged liver.

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