

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

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
16 September 2021 (16.09.2021)

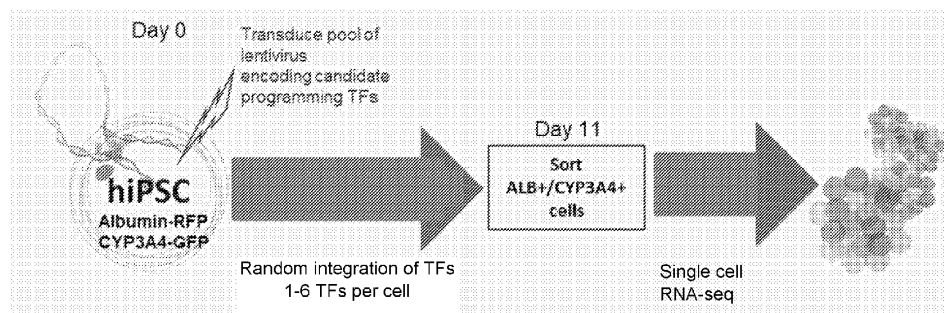


(10) International Publication Number  
**WO 2021/181110 A1**

- (51) **International Patent Classification:**  
*C12N 5/071* (2010.01) *A61K 35/407* (2015.01)
- (21) **International Application Number:**  
PCT/GB2021/050622
- (22) **International Filing Date:**  
11 March 2021 (11.03.2021)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
62/988,349 11 March 2020 (11.03.2020) US
- (71) **Applicant:** **BIT BIO LIMITED** [GB/GB]; The Dorothy Hodgkin Building, Babraham Research Campus, Cambridge CB22 3FH (GB).
- (72) **Inventors:** **KALKAN, Tüzer**; Bit Bio Limited, The Dorothy Hodgkin Building, Babraham Research Campus, Cambridge CB22 3FH (GB). **MOREAU, Thomas Pierre Michel**; Bit Bio Limited, The Dorothy Hodgkin Building, Babraham Research Campus, Cambridge CB22 3FH (GB). **WARD, Carl**; Bit Bio Limited, The Dorothy Hodgkin Building, Babraham Research Campus, Cambridge CB22 3FH (GB). **BELGARD, Tildon Grant**; Bit Bio Limited, The Dorothy Hodgkin Building, Babraham Research Campus, Cambridge CB22 3FH (GB). **BACHINGER, Fabian**; c/o Bit Bio Limited, The Dorothy Hodgkin Building, Babraham Research Campus, Cambridge CB22 3FH (GB).
- (74) **Agent:** **POND, Elizabeth** et al.; Marlow International, Parkway, Marlow Buckinghamshire SL7 1YL (GB).
- (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).
- Published:**  
— with international search report (Art. 21(3))

(54) **Title:** METHOD OF GENERATING HEPATIC CELLS

FIGURE 1



(57) **Abstract:** The invention relates to methods of generating hepatic cells by overexpressing combinations of transcription factors, in particular for use in cellular reprogramming methods.