

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
23 September 2021 (23.09.2021)



(10) International Publication Number
WO 2021/186037 A1

(51) International Patent Classification:

C12Q 1/28 (2006.01) G01N 33/68 (2006.01)
G01N 33/569 (2006.01)

(21) International Application Number:

PCT/EP2021/057096

(22) International Filing Date:

19 March 2021 (19.03.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2004100.0	20 March 2020 (20.03.2020)	GB
202010265531.9	07 April 2020 (07.04.2020)	CN
2006723.7	06 May 2020 (06.05.2020)	GB
2010446.9	07 July 2020 (07.07.2020)	GB
2014263.4	10 September 2020 (10.09.2020)	GB
2016403.4	16 October 2020 (16.10.2020)	GB
2018835.5	30 November 2020 (30.11.2020)	GB
2100769.5	20 January 2021 (20.01.2021)	GB

(71) Applicant: **BELGIAN VOLITION SPRL** [BE/BE]; 22 Rue Phocas Lejeune, BE-5032 Isnes (BE).

(72) Inventors: **ECCLESTON, Mark Edward**; c/o Belgian Volition SPRL, 22 Rue Phocas Lejeune, BE-5032 Isnes

(BE). **MICALLEF, Jacob Vincent**; c/o Belgian Volition SPRL, 22 Rue Phocas Lejeune, BE-5032 Isnes (BE). **TERRELL, Jason Bradley**; c/o Belgian Volition SPRL, 22 Rue Phocas Lejeune, BE-5032 Isnes (BE).

(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,

(54) Title: TRIAGING METHOD USING CELL FREE NUCLEOSOME LEVELS

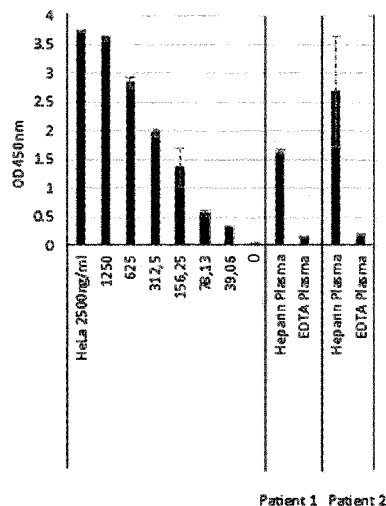


FIGURE 1

(57) Abstract: The invention relates to using cell free nucleosome levels to identify patients at risk of developing a NETosis associated adverse reaction to the infection. The methods are used to monitor the progress of a disease and assigning a risk of an adverse outcome in a patient suffering from an infection.

[Continued on next page]

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))*