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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 November 2022 (10.11.2022)

WIPO | PCT

(10) International Publication Number
WO 2022/233931 A1

(51) International Patent Classification:
A61P 29/00 (2006.01) *A61K 39/00* (2006.01)
C07K 16/18 (2006.01)

(21) International Application Number:
PCT/EP2022/061970

(22) International Filing Date:
04 May 2022 (04.05.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

21172160.0	04 May 2021 (04.05.2021)	EP
2111541.5	11 August 2021 (11.08.2021)	GB

(71) Applicant: **CITRYLL B.V.** [NL/NL]; Kloosterstraat 9, 5349 AB Oss (NL).

(72) Inventors: **VAN ES, Helmuth Hendrikus Gerardus**; Citryll B.V., Kloosterstraat 9, 5349 AB Oss (NL). **CHIRIVI, Renato Gerardus Silvano**; Citryll B.V., Kloosterstraat 9, 5349 AB Oss (NL). **MONTIZAAN, Daphne**; Citryll B.V., Kloosterstraat 9, 5349 AB Oss (NL). **MELDRUM, Eric Charles**; Citryll B.V., Kloosterstraat 9, 5349 AB Oss (NL).

(74) Agent: **J A KEMP LLP**; 80 Turnmill Street, London Greater London EC1M 5QU (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, IQ, 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))*
— *with sequence listing part of description (Rule 5.2(a))*

WO 2022/233931 A1

(54) Title: INHIBITION OF EOSINOPHILIC TRAPS

(57) Abstract: The invention provides methods for the inhibition of Eosinophil Extracellular Trap (EET) formation. In particular, the invention provides antibodies or binding fragments thereof directed against citrulline-containing epitopes, for use in methods to inhibit or detect EET formation. The methods may be for the diagnosis, treatment or prevention of any disease or condition which includes an EET-associated pathology.