

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 August 2011 (18.08.2011)

PCT

(10) International Publication Number
WO 2011/098778 A2

(51) International Patent Classification:
A61K 39/36 (2006.01)

(21) International Application Number:
PCT/GB2011/000206

(22) International Filing Date:
15 February 2011 (15.02.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1002559.1 15 February 2010 (15.02.2010) GB

(71) Applicant (for all designated States except US): **CIRCASSIA LIMITED** [GB/GB]; The Oxford Science Park, Oxford OX4 4GA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HAFNER, Roderick, Peter** [GB/GB]; Circassia Limited, The Oxford Science Park, Oxford OX4 4GA (GB). **LAIDLER, Paul** [GB/GB]; Circassia Limited, The Oxford Science Park, Oxford OX4 4GA (GB). **LAYTON, Guy** [GB/GB]; Circassia Limited, The Oxford Science Park, Oxford OX4 4GA (GB). **LARCHE, Mark** [GB/CA]; Circassia Limited, The Oxford Science Park, Oxford OX4 4GA (GB).

(74) Agent: **WOODS, Geoffrey, Corlett; J.A. Kemp & Co.**, 14 South Square, Gray's Inn, London WC1R 5JJ (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, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: PEPTIDES FOR VACCINES AGAINST BIRCH ALLERGY

(57) Abstract: The present invention relates to compositions comprising peptides for preventing or treating allergy to birch, and in particular to optimal combinations of peptides for preventing or treating said allergy.



WO 2011/098778 A2