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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
25 September 2014 (25.09.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/147153 A1

(51) International Patent Classification:
G01N 33/68 (2006.01) *G01N 33/74* (2006.01)

(21) International Application Number:
PCT/EP2014/055554

(22) International Filing Date:
19 March 2014 (19.03.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
13160265.8 20 March 2013 (20.03.2013) EP

(71) Applicant: **SPHINGOTEC GMBH** [DE/DE]; Neuendorfstr. 15a, 16761 Hennigsdorf (DE).

(72) Inventor: **BERGMANN, Andreas**; Am Rosenanger 78, 13645 Berlin (DE).

(74) Agent: **BOEHMERT & BOEHMERT**; Hollerallee 32, 28209 Bremen (DE).

(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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, RW, SD, SL, 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 2014/147153 A1

(54) Title: ADRENOMEDULLIN TO GUIDE THERAPY OF BLOOD PRESSURE DECLINE

(57) Abstract: Subject matter of the present invention is an in vitro method for identifying a subject in need of administration of fluid resuscitation or a vasopressor comprising the following steps: • Determining the level of proADM and/or fragments thereof having at least 6 amino acids in a bodily fluid of said subject • Correlating said level with the need of said patient for fluid resuscitation or administration of a vasopressor wherein said patient is identified as having such a need if the level of proADM and/or fragments thereof having at least 6 amino acids in the bodily fluid of said subject is above a threshold.