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(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, 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, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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(54) Title: METHOD OF INHIBITING ANGIOGENESIS

(57) Abstract: Methods and compositions for treating ophthalmic disease and reducing retinal neovascularization using progenitor cells, such as postpartum-derived cells, and conditioned media produced from the cells, are disclosed.

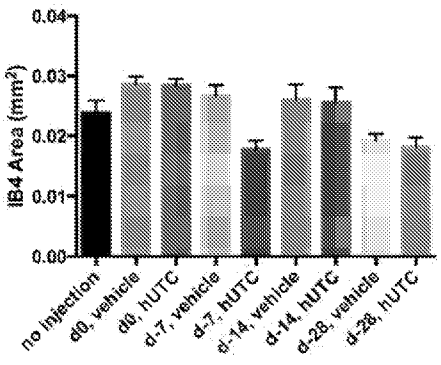



FIG. 1A

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**A. CLASSIFICATION OF SUBJECT MATTER**

**A61K 35/51(2015.01)i, A61K 38/17(2006.01)i, A61K 9/00(2006.01)i, A61P 27/02(2006.01)i, C12N 5/0775(2010.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)
A61K 35/51; A61K 45/06; C07K 16/00; C12N 5/08; C12N 9/12; A61K 38/17; A61K 9/00; A61P 27/02; C12N 5/0775

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: umbilical cord tissue-derived cells, retinal neovascularization, VEGFR1

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| X | US 2017-0080033 A1 (JANSSEN BIOTECH, INC.) 23 March 2017<br>See paragraphs [0023]-[0029], [0131], [0194], [0221]; and claim 4. | 1-3 |
| Y | | 5-6,8-10 |
| A | | 4,7 |
| X | DOAN, CHINH CHUNG et al., 'Differentiation of umbilical cord lining membrane-derived mesenchymal stem cells into endothelial-like cells', Iranian Biomedical Journal, 2014, vol. 18, no. 2, pp. 67-75<br>See pages 68, 69, 72, 74; and figure 6. | 4,7 |
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☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
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"&" document member of the same patent family

| Date of the actual completion of the international search | Date of mailing of the international search report |
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| 11 July 2019 (11.07.2019) | **11 July 2019 (11.07.2019)** |


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International application No.
**PCT/IB2018/058594**

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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