



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 82 25 99

Classification of the application (IPC):  
A61K 31/137, A61K 9/00, A61P 27/10

Technical fields searched (IPC):  
A61K, A61P

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Relevant to claim |
| X,P                                 | <p>WO 2020251926 A1 (JENIVISION INC [US])<br/>17 December 2020 (2020-12-17)</p> <p>* page 1, line 17 - page 2, line 5 *</p> <p>* page 2, lines 20-22 *</p> <p>* page 3, lines 3-7 *</p> <p>* page 8, lines 4-6 *</p> <p>* figure 1C *</p> <p>* page 8, line 30 - page 10, line 3 *</p> <p>* page 11, line 11 - line 22 *</p> <p>* page 15, lines 1-12 *</p> <p>* page 19, lines 3-22 *</p> <p>* page 19, line 26 - page 20, line 9 *</p> <p>* examples 1-2 *</p> <p>* claims 1-30 *</p>                                                       | 1, 8, 14, 15      |
| A                                   | <p><b>TATIANA V. TKATCHENKO:</b> "Analysis of genetic networks regulating refractive eye development in collaborative cross progenitor strain mice reveals new genes and pathways underlying human myopia" <i>BMC MEDICAL GENOMICS</i><br/>London UK<br/>30 July 2019 (2019-07-30), vol. 12, no. 1<br/>URL: <a href="http://link.springer.com/article/10.1186/s12920-019-0560-1/fulltext.html">http://link.springer.com/article/10.1186/s12920-019-0560-1/fulltext.html</a><br/>, ISSN: 1755-8794, XP093163579<br/>* the whole document *</p> | 1-15              |
| A                                   | <p><b>TATIANA V. TKATCHENKO:</b> "Gene expression in response to optical defocus of opposite signs reveals bidirectional mechanism of visually guided eye growth" <i>PLOS BIOLOGY</i><br/>US<br/>09 October 2018 (2018-10-09), vol. 16, no. 10, DOI: 10.1371/journal.pbio.2006021, ISSN: 1545-7885, page e2006021, XP093163623<br/>* the whole document *</p>                                                                                                                                                                                 | 1-15              |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

|                              |                                                 |                             |
|------------------------------|-------------------------------------------------|-----------------------------|
| Place of search<br>The Hague | Date of completion of the search<br>29 May 2024 | Examiner<br>Bazzanini, Rita |
|------------------------------|-------------------------------------------------|-----------------------------|

## CATEGORY OF CITED DOCUMENTS

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| X: particularly relevant if taken alone                                         | P: intermediate document                                               |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention                        |
| A: technological background                                                     | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure                                                       | D: document cited in the application                                   |
| & : member of the same patent family, corresponding document                    | L: document cited for other reasons                                    |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 82 25 99

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                                                                                                                                                                                                     |                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                                                                                                                       | Relevant to claim |
| A                                   | <p><b>TATIANA V. TKATCHENKO:</b> "Pharmacogenomic Approach to Antimyopia Drug Development: Pathways Lead the Way" <i>TRENDS IN PHARMACOLOGICAL SCIENCES</i>.<br/>GB<br/>01 November 2019 (2019-11-01), vol. 40, no. 11, DOI: 10.1016/j.tips.2019.09.009, ISSN: 0165-6147, pages 833-852, XP093163629<br/>* the whole document *</p> | 1-15              |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

|                              |                                                 |                             |
|------------------------------|-------------------------------------------------|-----------------------------|
| Place of search<br>The Hague | Date of completion of the search<br>29 May 2024 | Examiner<br>Bazzanini, Rita |
|------------------------------|-------------------------------------------------|-----------------------------|

## CATEGORY OF CITED DOCUMENTS

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| X: particularly relevant if taken alone                                         | P: intermediate document                                               |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention                        |
| A: technological background                                                     | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure                                                       | D: document cited in the application                                   |
| & : member of the same patent family, corresponding document                    | L: document cited for other reasons                                    |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN  
SEARCH REPORT

Application number:  
EP 21 82 25 99

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 29-05-2024  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent document cited<br>in search report |    | Publication<br>date | Patent family<br>member(s) |               | Publication<br>date |
|-------------------------------------------|----|---------------------|----------------------------|---------------|---------------------|
| WO 2020251926                             | A1 | 17-12-2020          | AU                         | 2020290414 A1 | 02-12-2021          |
|                                           |    |                     | CA                         | 3142885 A1    | 17-12-2020          |
|                                           |    |                     | CN                         | 113993511 A   | 28-01-2022          |
|                                           |    |                     | EP                         | 3979996 A1    | 13-04-2022          |
|                                           |    |                     | JP                         | 2022536460 A  | 17-08-2022          |
|                                           |    |                     | KR                         | 20220018484 A | 15-02-2022          |
|                                           |    |                     | US                         | 2022218630 A1 | 14-07-2022          |
|                                           |    |                     | WO                         | 2020251926 A1 | 17-12-2020          |