



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 84 21 98

**Classification of the application (IPC):**  
A61K 48/00, C07K 14/545, C07K 14/715, C12N 15/86

**Technical fields searched (IPC):**  
A61K, C12N, C07K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	<b>GOODRICH L R ET AL:</b> "scAAVIL-1ra dosing trial in a large animal model and validation of long-term expression with repeat administration for osteoarthritis therapy" <i>GENE THERAPY, NATURE PUBLISHING GROUP, LONDON, GB</i> , 23 April 2015 (2015-04-23), vol. 22, no. 7, DOI: 10.1038/GT.2015.21, ISSN: 0969-7128, pages 536-545, XP036971080 * page 543; figures 1-3 *	1-16
Y	<b>KAY ET AL:</b> "Self-Complementary Vectors Significantly Enhance AAV-Mediated Gene Transfer to Joint Tissues" <i>MOLECULAR THERAPY: THE JOURNAL OF THE AMERICAN SOCIETY OF GENE THERAPY, CELL PRESS, US</i> , 2006, vol. 13, ISSN: 1525-0016, pages S420-S421, XP005676200 * abstract *	1-16
Y	<b>LAURIE R GOODRICH ET AL:</b> "Optimization of scAAVIL-1ra In Vitro and In Vivo to Deliver High Levels of Therapeutic Protein for Treatment of Osteoarthritis" <i>MOLECULAR THERAPY-NUCLEIC ACIDS</i> , 05 February 2013 (2013-02-05), vol. 2, DOI: 10.1038/mtna.2012.61, ISSN: 2162-2531, pages 1-10, XP055467968 * Cited in the ISR;page 3 *	1-16
Y	WO 2004059556 A2 (GENEART GMBH [DE]; RAAB DAVID [DE] ET AL.) 15 July 2004 (2004-07-15) * claims 1-22 *	1-16

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 Munich	Date of completion of the search 03 February 2020	Examiner Deleu, Laurent
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### 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

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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 03-02-2020  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
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		DE	10260805 A1	22-07-2004
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