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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 82 14 21

Classification of the application (IPC):
C12N 15/63, C12N 15/90, C07K 14/725, C07K 16/28, C12N 5/0783,
A61K 39/00, A61P 35/00

Technical fields searched (IPC):
A61K, A61P, C12N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JIN J ET AL: "Enhanced clinical-scale manufacturing of TCR transduced T-cells using closed culture system modules" <i>JOURNAL OF TRANSLATIONAL MEDICINE</i> , 24 January 2018 (2018-01-24), vol. 16, no. 1, DOI: 10.1186/s12967-018-1384-z, 13, XP055517154 * the whole document *	1-3, 6, 8, 10-13, 15
Y		4, 5, 14
X	OKADA K ET AL: "Development of a large-scale H3.3K27M-specific TCR-transduced T cell manufacturing method for adoptive cell therapy in HLA-A2+ patients with diffuse midline glioma" <i>CYTOTHERAPY</i> ISCT 2019; Melbourne, Australia; 29 May-1 June 2019 24 May 2019 (2019-05-24), vol. 21, no. 5, Suppl., DOI: 10.1016/j.jcyt.2019.03.367, ISSN: 1465-3249, page S36, 97, XP093187198 * abstract *	1-3, 6, 8, 9, 11-13, 15
Y		4, 5, 14
X	SILVA D N ET AL: "High efficiency protocol for lymphocytes gene modification by lentiviral vector within an automated closed system" <i>CYTOTHERAPY</i> ISCT 2020 Annual Meeting; Paris, France; 28-29 May 2020 23 May 2020 (2020-05-23), vol. 22, no. 5, Suppl., DOI: 10.1016/j.jcyt.2020.04.076, ISSN: 1465-3249, page S202, 425, XP093187196 * abstract *	1-6, 8-15
X	WO 2019089610 A1 (PACT PHARMA INC [US]) 09 May 2019 (2019-05-09) * examples 1-3 *	4, 5, 7, 11-15
T	FOY S P ET AL: "Non-viral precision T cell receptor replacement for personalized cell therapy" <i>NATURE</i> , 10 November 2022 (2022-11-10), vol. 615, no. 7953, DOI: 10.1038/s41586-022-05531-1, ISSN: 0028-0836, pages 687-696, XP093150088	
T	PUIG-SAUS C ET AL: "Neoantigen-targeted CD8+ T cell responses with PD-1 blockade therapy" <i>NATURE</i> , 08 March 2023 (2023-03-08), vol. 615, no. 7953, DOI: 10.1038/s41586-023-05787-1, ISSN: 0028-0836, pages 697-704, XP093186743	

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 The Hague	Date of completion of the search 18 July 2024	Examiner Teyssier, Bertrand
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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 18-07-2024
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