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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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(54) Title: BISPECIFIC ANTIBODY CAR CELL IMMUNOTHERAPY

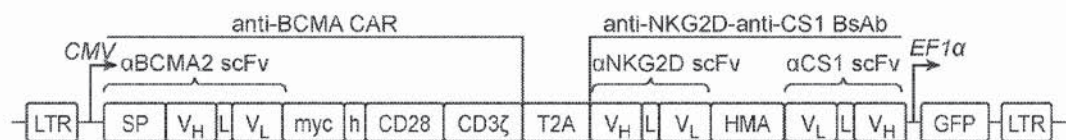


FIG. 3A

(57) **Abstract:** Described herein are single vectors that, when expressed in cytolytic immune cells, results in both the expression of (1) a CAR targeting tumor-associated antigens and (2) secretion of a bispecific antibody that on one end recognizes NKG2D expressed on both innate and antigen specific cytolytic immune cells and on the other end targets tumor associated antigens. Unexpectedly, these modifications to the T cells result in enhanced survival and proliferation *in vivo*. Thus, therapeutic and diagnostic uses are disclosed.

From the INTERNATIONAL BUREAU

PCTNOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

To:

KONSKI, Antoinette F.
3000 K Street, N.W.
Suite 600
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ÉTATS-UNIS D'AMÉRIQUE

Date of mailing (day/month/year) 24 August 2020 (24.08.2020)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 113086-0120	
International application No. PCT/US2019/022639	International filing date (day/month/year) 15 March 2019 (15.03.2019)

1. The following indications appeared on record concerning:		
☒ the applicant	☐ the inventor	☐ the agent
☐ the common representative		
Name and Address CYTOIMMUNE THERAPEUTICS, LLC Corporation Service Company 251 Little Falls Drive Wilmington, Delaware 19808 United States of America	State of Nationality US	State of Residence US
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	Facsimile No.	
	E-mail address ipdocketing@foley.com	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
☐ the person	☒ the name	☐ the address
☐ the nationality		
☐ the residence		
Name and Address CYTOIMMUNE THERAPEUTICS, INC. Corporation Service Company 251 Little Falls Drive Wilmington, Delaware 19808 United States of America	State of Nationality US	State of Residence US
	Telephone No.	
	Facsimile No.	
	E-mail address ipdocketing@foley.com ☒ Notifications by e-mail authorized	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to:		
☒ the receiving Office	☐ the International Preliminary Examining Authority	
☐ the International Searching Authority	☒ the designated Offices concerned	
☐ the Authority(ies) specified for supplementary search	☐ the elected Offices concerned	
	☐ other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Adelise Andre e-mail pct.team6@wipo.int Telephone No. +41 22 338 74 06
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PCTNOTIFICATION OF THE RECORDING
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Administrative Instructions, Section 422)

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KONSKI, Antoinette F.
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Date of mailing (day/month/year) 01 September 2020 (01.09.2020)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 113086-0120	
International application No. PCT/US2019/022639	International filing date (day/month/year) 15 March 2019 (15.03.2019)

1. The following indications appeared on record concerning:		
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2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
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	Facsimile No.	
	E-mail address ☐ Notifications by e-mail authorized	
3. Further observations, if necessary:		
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☐ the Authority(ies) specified for supplementary search	☐ the elected Offices concerned	
	☐ other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Adelise Andre e-mail pct.team6@wipo.int Telephone No. +41 22 338 74 06
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To:

KONSKI, Antoinette F.
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Suite 600
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ÉTATS-UNIS D'AMÉRIQUE

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Applicant's or agent's file reference 113086-0120	
International application No. PCT/US2019/022639	International filing date (day/month/year) 15 March 2019 (15.03.2019)

1. The following indications appeared on record concerning:		
☐ the applicant	☒ the inventor	☐ the agent
☐ the common representative		
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	Facsimile No.	
	E-mail address	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
☐ the person	☐ the name	☒ the address
☐ the nationality		
☐ the residence		
Name and Address CALIGIURI, Michael c/o CytolImmune Therapeutics, Inc. Corporation Service Company 251 Little Falls Drive Wilmington, Delaware 19808 United States of America	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	E-mail address ☐ Notifications by e-mail authorized	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to:		
☒ the receiving Office	☐ the International Preliminary Examining Authority	
☐ the International Searching Authority	☒ the designated Offices concerned	
☐ the Authority(ies) specified for supplementary search	☐ the elected Offices concerned	
	☐ other:	

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IN THE INTERNATIONAL BUREAU OF WIPO

Applicant: CYTOIMMUNE THERAPEUTICS, INC.

International Application No.: PCT/US2019/022639

International Filing Date: 15 March 2019 (15.03.2019)

Title of Invention: BISPECIFIC ANTIBODY CAR CELL
IMMUNOTHERAPY

REQUEST FOR CHANGE UNDER RULE 92BIS

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
Switzerland

Sir or Madam:

In accordance with Rule 92*bis*, Applicant respectfully requests a change in the Inventors' addresses for all designated states in connection with the above-identified application. Please change the information in Boxes III-1-5 and III-2-5 from:

c/o CytoImmune Therapeutics, LLC
Corporation Service Company
251 Little Falls Drive
Wilmington, Delaware 19808
United States of America

to:

c/o CytoImmune Therapeutics, **Inc.**
Corporation Service Company
251 Little Falls Drive
Wilmington, Delaware 19808
United States of America

This request is being made within the time limit specified in Rule 92*bis*.1(b). If additional information is desired, please contact the undersigned at the address and facsimile number provided below.

The IB is requested to issue form PCT/IB/306 confirming the recordation of the requested change to the undersigned and to the appropriate designated and/or elected offices.

Respectfully submitted,

Date: 28 August 2020

By: /Antoinette F. Konski/

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Antoinette F. Konski
Agent for Applicants
U.S. Registration No. 34,202

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