PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8305462

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|-----------------|----------------|--|
| PENG LI | 04/17/2020 | |
| ROBERT E. DAVIS | 04/17/2020 | |

RECEIVING PARTY DATA

| Name: | INTRA-CELLULAR THERAPIES, INC. | | |
|-------------------|--------------------------------|--|--|
| Street Address: | 430 EAST 29TH STREET | | |
| Internal Address: | SUITE 900 | | |
| City: | NEW YORK | | |
| State/Country: | NEW YORK | | |
| Postal Code: | 10016 | | |

PROPERTY NUMBERS Total: 2

| Property Type | Number | | |
|---------------------|----------|--|--|
| Application Number: | 18478482 | | |
| Application Number: | 18504345 | | |

CORRESPONDENCE DATA

Fax Number: (973)912-5236

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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| ATTORNEY DOCKET NUMBER: | IT-131 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | CORY POKER |
| SIGNATURE: | /Cory Poker/ |
| DATE SIGNED: | 12/01/2023 |

Total Attachments: 2

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PATENT 508258270 REEL: 065732 FRAME: 0306

Attorney Docket No.: IT-131-US

ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

NOVEL METHODS

for which I/We filed a patent application on August 30, 2019 as U.S. Patent Application No. 16/557,083, which claims priority to International Application No. PCT/US2019/049062, filed on August 30, 2019, which claims priority to U.S. Provisional Application Nos. 62/725,948, filed on August 31, 2018, and 62/779,923 filed on December 14, 2018; and

WHEREAS, INTRA-CELLULAR THERAPIES, INC., a corporation of Delaware, whose post office address is 430 East 29th Street, Suite 900, New York, New York, U.S.A. 10016 (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or

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legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

ASSIGNOR(S) hereby authorize attorneys for ASSIGNEE to enter on this document any applicable serial numbers and filing dates after ASSIGNOR(S') execution of this document.

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

| IN TESTIMONY WHEREOF, I hereunto set my hand and seal on April 17, | | | | |
|--|---------|-------------------------------|-------------------|-------|
| | Name: | | Peng LI | |
| IN TESTIMONY WHEREOF, I hereunto se | t my ha | nd and seal on — | April 17 | 2020. |
| | / | Robert C. | Davis | |
| | Name: | Ro | obert DAVIS | |
| Countersign by an authorized party on behal | | | 174b | انسم |
| IN TESTIMONY WHEREOF, I hereunto se 2020. | t my ha | nd and seal this ₋ | day of | Арпі |
| | | Aller Jie | h berg | |
| _ | Name: | Allen A. Fienb | erg | |
| | Title: | Vice President | , Business Develo | pment |
| | | Intra-Cellular 7 | Therapies, Inc. | |

RECORDED: 12/01/2023

PATENT REEL: 065732 FRAME: 0308

Authorized Representative of Assignee