

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7190711

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

| CONVEYING PARTY DATA            |                |
|---------------------------------|----------------|
| Name                            | Execution Date |
| MR. JUAN ANTONIO BUEREN RONCERO | 10/19/2018     |
| MS. SUSANA NAVARRO ORDONEZ      | 10/19/2018     |
| MR. JOSE CARLOS SEGOVIA SANZ    | 10/19/2018     |
| MS. MARIA GARCIA GOMEZ          | 10/19/2018     |
| MR. NESTER MEZA                 | 10/19/2018     |
| MS. MARIA GARCIA BRAVO          | 10/19/2018     |

| RECEIVING PARTY DATA   |                                                          |
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| <b>PROPERTY NUMBERS Total: 1</b> |               |
| <b>Property Type</b>             | <b>Number</b> |
| <b>Application Number:</b>       | 17677827      |

| CORRESPONDENCE DATA                                                                                                                                                                             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
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| <i>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.</i> |               |

PATENT

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REEL: 059077 FRAME: 0708

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| <b>ATTORNEY DOCKET NUMBER:</b> | ROPA-001/02US 329592-2309 |
|--------------------------------|---------------------------|

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| <b>NAME OF SUBMITTER:</b> | ANNA MIRON |
|---------------------------|------------|

|                   |              |
|-------------------|--------------|
| <b>SIGNATURE:</b> | /Anna Miron/ |
|-------------------|--------------|

|                     |            |
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| <b>DATE SIGNED:</b> | 02/23/2022 |
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**Total Attachments: 5**

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**CONFIRMATORY DECLARATION OF ASSIGNMENT**  
**APPEARING HEREIN**

**ON THE ONE HAND:**

1. **Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas O.A, M.P.** (hereinafter, "**CIEMAT**"), having its place of business at Av. Complutense, 40 - 28040 Madrid, Spain, with tax identification number (CIF) Q2820002J, and represented by Mr. Carlos Alejandro Losilla, Director General, holder of Spanish ID number (DNI) 17845312A, designated by R.D. 1207/2018 on September 21<sup>st</sup> acting on behalf and representation of CIEMAT, in accordance with the competency empowered by the R.D. 1952/2000 of December 1<sup>st</sup>.
2. **Consortio Centro de Investigación Biomédica en Red, M.P.** (hereinafter, "**CIBER**"), having its place of business at c/ Monforte de Lemos 5, 28029 Madrid, with tax identification number (CIF) G85296226, represented by Mr. Manuel Sánchez Delgado, holder of Spanish ID number (DNI) 36006803-G, duly entitled to act hereunder, as manager of CIBER, in accordance with the powers granted to him by virtue of public deed executed on November, 15<sup>th</sup> 2012, before the Notary public of Madrid, Mr. Joaquín Corell Corell, with protocol number 3698.
3. **Fundación Instituto de Investigación Sanitaria Fundación Jiménez Díaz** (hereinafter, "**FIIS-FJD**"), having its place of business at Avenida de los Reyes Católicos 2, 28040 Madrid, Spain and with tax identification number (CIF) G85874949, represented here by Mr. Juan Antonio Alvaro de la Parra, holder of Spanish ID number (DNI) 395637-Z, according to the powers granted to him by virtue of public deed executed on July 21<sup>st</sup>, 2015, before the Notary public of Madrid, Mr. Luis-Enrique García Labajo, with protocol number 2172.

hereinafter "the Assignee/s"

**AND ON THE OTHER HAND:**

1. Mr. Juan Antonio Bueren Roncero with Spanish ID (DNI) No 50801002M, Division of Hematopoietic Innovative Therapies at CIEMAT/CIBER/FIIS-FJD.
2. Ms. Susana Navarro Ordóñez with Spanish ID (DNI) No 51070101G, Division of Hematopoietic Innovative Therapies at CIEMAT/CIBER/FIIS-FJD.
3. Mr. Jose Carlos Segovia Sanz with Spanish ID (DNI) No 01114537A, Division of Hematopoietic Innovative Therapies at CIEMAT/CIBER/FIIS-FJD.
4. Ms. Maria García Gómez with Spanish ID (DNI) No 50735008K, Division of Hematopoietic Innovative Therapies at CIEMAT/CIBER/FIIS-FJD.
5. Mr. Nestor Meza with ID No V10174670, Division of Hematopoietic Innovative Therapies at CIEMAT/CIBER.

6. Ms. María García Bravo with Spanish ID (DNI) No 50110525B, Division of Hematopoietic Innovative Therapies at CIEMAT/CIBER/FIIS-FJD.

hereinafter "the Inventor(s)" and each acting in their own name and right.

The Assignees and the Inventors are individually referred to as a Party and collectively as the Parties.

The Parties mutually recognise the legal capacity necessary for this act and under this instrument.

## BACKGROUND

- I. WHEREAS the Inventors have developed a new invention under the title "Compositions and Methods for Enhanced Gene Expression of PKLR", described in SCHEDULE I enclosed herein which might be patentable under the provisions of the Spanish Law 24/2015 of 24<sup>th</sup>, July on Patents.
- II. WHEREAS the Inventors confirm having contributed to the invention described above during the course and scope of their employment or service relationship with at least one of the Assignees.
- III. WHEREAS, in that sense, the Inventors are technical research members or technical support members as defined by Art. 13 of the Spanish Law 14/2011 of 1<sup>st</sup>, June, on Science, Technology and Innovation.
- IV. WHEREAS in accordance to Art. 21. 1 of Spanish Patent Law 24/2015 of 24 July (in force as from 1<sup>st</sup>, April 2017) inventions made by the research staff of the centres and public research institutions of the General Administration of the State, centres and research organisations of other public administrations, public universities, foundations of the State Public Sector and State mercantile companies belong to the entities whose researchers have made said inventions in the exercise of their functions.
- V. WHEREAS in accordance to Art 21.5 of Spanish Patent Law 24/2015 of 24 July (in force as from 1<sup>st</sup>, April 2017), any and all contracts or agreements that the entities referred to in paragraph IV above celebrate with public or private entities, shall stipulate ownership of the inventions that the research staff may perform within the framework of such contracts or agreements, as well as regulate the terms and conditions pertaining to the rights of use and commercial exploitation of said inventions and the distribution of the benefits obtained among the participating entities.
- VI. WHEREAS all the terms and conditions of Art. 21 of Spanish Patent Law 24/2015 of 24<sup>th</sup>, July have been observed.

**NOW, THEREFORE, THE PARTIES DECLARE AS FOLLOWS**

**FIRST.-** The Inventors acknowledge and confirm that all rights in respect of the invention described in SCHEDULE I are exclusively owned by the Assignees, in accordance with the provisions of the Spanish Patent Law 24/2015 of 24 July, and Assignees confirm to have entered into a co-ownership agreement dated 8<sup>th</sup>, July 2016 in regard to invention described in SCHEDULE I.

**SECOND.-** As confirmation of the above, the Inventors acknowledge that the following rights correspond to the Assignees

-Their rights in all patent applications listed in SCHEDULE I, and the inventions disclosed therein, all patent applications claiming priority to, and/or the benefit of, these applications, including any related intellectual property rights in any country of the world.

-The right to file applications for patents in Spain, the United States or any country of the world claiming the invention (I), as contemplated in applicable legislation in each case.

**THIRD.-** The Inventors shall execute all such documents and give all such assistance as may be reasonably required to enable the Assignees to enjoy the full ownership and title in all patent applications, as listed in SCHEDULE I.

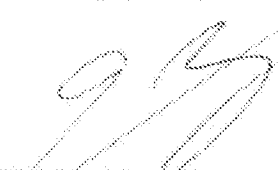
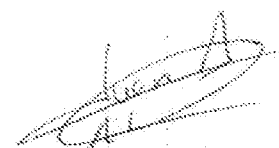
**FOURTH.-** The Assignees pledge to respect moral rights of the Inventors to be recognized as such in any patent applications, and therefore, commit to always reflect the accurate list of Inventors in all the documents needed.

The corresponding assignment by virtue of applicable law is hereby acknowledged that no further payment or compensation for any other concept may be claimed. Notwithstanding the foregoing, each of the Assignees shall respect the applicable internal policies for revenue share on profits made by invention (I) following Art. 21 of Spanish Patent Law 24/2015 of 24<sup>th</sup>, July.

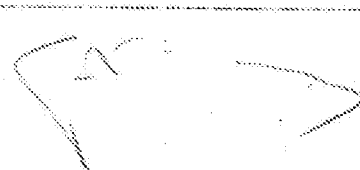
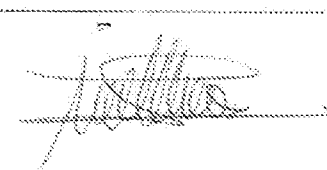
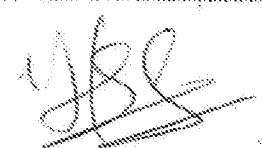
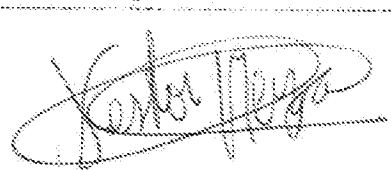
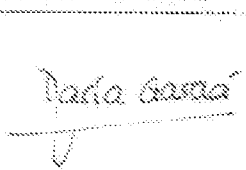
**FIFTH.-** The Parties acknowledge that Assignees rights under Art. 21.1 shall continue in force without limit of time.

And in witness whereof, they sign this document,

THE ASSIGNEES

|                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |
| Mr. Carlos Alejaladre Cechila by CUEMAT                                           | Mr. Manuel Sánchez Delgado by CIBER                                                |
|  |                                                                                    |
| Mr. Juan Antonio Álvarez de la Parra by FHS-FID                                   |                                                                                    |

THE INVENTORS

|                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |   |
| Mr. Juan Antonio Burgos Romero                                                      | Ms. Susana Navarro Ordóñez                                                           |
|  |  |
| Mr. José Carlos Segovia Sanz                                                        | Ms. María García Gómez                                                               |
|  |  |
| Mr. Nestor Meza                                                                     | Ms. María García Bravo                                                               |

## SCHEDULE I

| Cooley<br>Docket<br>Number | Title/Mark                                                             | Application No.   | Application<br>Date | Case<br>Status | Country                         |
|----------------------------|------------------------------------------------------------------------|-------------------|---------------------|----------------|---------------------------------|
| ROPA-<br>001/00US          | COMPOSITIONS AND<br>METHODS FOR<br>ENHANCED GENE<br>EXPRESSION OF PKLR | 62/325,397        | 4/20/2016           | Expired        | United States<br>of America     |
| ROPA-<br>001/01WO          | COMPOSITIONS AND<br>METHODS FOR<br>ENHANCED GENE<br>EXPRESSION OF PKLR | PCT/US2017/028695 | 4/20/2017           | Published      | Patent<br>Cooperation<br>Treaty |

"Compositions and Methods for Enhanced Gene Expression of PKLR" with application numbers set forth in Schedule I, including PCT/US2017/050837 filed on 4/20/2017 and any right recognized by applicable patent legislation or regulations, and that has been generated by claiming the priority of the patent application PCT/US2017/050837, including but not limited to, the rights generated by any corresponding national stage application, continuation in part, division or extension for such application and other patent granted on the basis of such application; any inventor certificate, utility models or similar.

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