

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CELLTECH R&D LIMITED	06/13/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UCB BIOPHARMA SPRL	
<b>Street Address:</b>	ALLEE DE LA RECHERCHE, 60	
<b>City:</b>	BRUSSELS	
<b>State/Country:</b>	BELGIUM	
<b>Postal Code:</b>	B-1070	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16470996
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<b>Correspondent Name:</b>	FRANK C. EISENSCHENK, PH.D.	
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<b>ATTORNEY DOCKET NUMBER:</b>	UCB.132	
<b>NAME OF SUBMITTER:</b>	FRANK C. EISENSCHENK, PH.D.	
<b>SIGNATURE:</b>	/FRANK C. EISENSCHENK/	
<b>DATE SIGNED:</b>	06/20/2019	
<b>Total Attachments: 7</b>		
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# CONFIRMATORY ACKNOWLEDGEMENT, ASSIGNMENT AND UNDERTAKING AGREEMENT

THIS AGREEMENT is made the 13 day of June 2017 between

- (1) Breda TWOMEY ("THE INVENTOR");  
C/O Intellectual Property Dept  
UCB Celltech  
208 Bath Road  
Slough  
Berkshire, SL1 3WE  
UNITED KINGDOM
- (2) **CELLTECH R&D Limited** ("UCB CELLTECH")  
208 Bath Road  
Slough  
Berkshire SL1 3WE  
UNITED KINGDOM
- (3) **UCB BIOPHARMA SPRL** ("UCB BIOPHARMA")  
Allée de la Recherche, 60  
B-1070 Brussels  
BELGIUM

## WHEREAS

(A) The Inventor has been determined as being the sole inventor or one of the joint inventors of the invention or inventions entitled **GREMLIN-1 CRYSTAL STRUCTURE AND INHIBITORY ANTIBODY** and identified by the patent family reference number PF0045 ("the Invention")

(B) At the time the Invention was made, the Inventor was employed by **UCB CELLTECH**;

(C) The Invention is described in a patent application ("the Application"), identified by the following short particulars, which patent application has with the consent of all the parties hereto been filed in the name of **UCB BIOPHARMA** with the patent office shown:

Patent Office	Filing Date	Application Number
UK Patent Office	19 December 2016	1621635.0

(D) It is the wish and intention of all the parties hereto that:

- (i) the Application shall continue in the name of **UCB BIOPHARMA**;

- (ii) any patent application or like application filed in any country or territory and being directed to the Invention (whether or not claiming priority under the Paris Convention or like arrangement from the Application and including all divisional applications, applications for patents of addition, continuation applications, continuation-in-part applications, applications for re-issue national applications, patent term extensions, supplementary protection certificates, regional applications and international applications and like corresponding applications) ("Corresponding Application(s)") shall be in the name of and shall vest in **UCB BIOPHARMA**; and
- (iii) any patent granted on the Application or on any Corresponding Application(s) shall be in the name of and shall vest in **UCB BIOPHARMA**.

NOW THIS AGREEMENT WITNESSETH:

1. **THE INVENTOR ACKNOWLEDGES** that:
  - a) he or she made the Invention as part of his or her normal duties as employee of **UCB CELLTECH** and the circumstances were such that an invention might reasonably have been expected to result from the carrying out of his or her duties; and
  - b) all his or her right, title, and interest in the invention transferred to **UCB CELLTECH** by virtue of applicable Law.
2. All right, title and interest in the Invention have transferred from **UCB CELLTECH** to **UCB BIOPHARMA** by virtue of a series of inter company agreements which have entered into force prior to the filing date of the Application.  
**UCB CELLTECH** hereby agrees that **UCB BIOPHARMA** has and shall have the exclusive rights to the Invention and all patent applications and resulting patents pertaining to the Invention, as well as the exclusive right to apply for patents, or any other such protection of intellectual property rights for the Invention, including for the avoidance of doubt the Application and the Corresponding Application(s).
3. **UCB CELLTECH** and **THE INVENTOR ACKNOWLEDGE** that all right, title and interest in the Invention thereof are vested in **UCB BIOPHARMA** and that **UCB BIOPHARMA** has the exclusive rights to :
  - (i) the Invention;
  - (ii) the Application, the benefit of the Application, all right, title and interest therein (including the right to make Corresponding Application(s) and obtain patents or like forms of protection for the Invention in any country or territory of the world together with the right to claim priority of the Application under the Paris Convention or any other patent treaty, law or convention) and all the rights, powers, liberties and immunities belonging thereto or accrued therefrom free from all encumbrances to the intent that any patent granted pursuant to the Application or to any Corresponding Application(s) shall be in the name of and vested in **UCB BIOPHARMA**;

- (iii) recover and take all such proceedings as may be necessary for the recovery of damages, an account of profits or other relief in respect of all infringements of any patent or patents granted pursuant to the Application or to any Corresponding Application(s) whether such infringements take place before or after the date of this Agreement;

TO HOLD unto **UCB BIOPHARMA** absolutely.

4. Insofar as the rights in the Invention and the Application are still vested in **THE INVENTOR** and/or **UCB CELLTECH** and, in consideration of One Dollar (\$1.00) and other good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, **THE INVENTOR** and/or **UCB CELLTECH**, HEREBY ASSIGNS to **UCB BIOPHARMA**:

- (i) the Invention;
- (ii) the Application, the benefit of the Application, all right, title and interest therein (including the right to make Corresponding Application(s) and obtain patents or like forms of protection for the Invention in any country or territory of the world together with the right to claim priority of the Application under the Paris Convention or any other patent treaty, law or convention) and all the rights, powers, liberties and immunities belonging thereto or accrued therefrom free from all encumbrances to the intent that any patent granted pursuant to the Application or to any Corresponding Application(s) shall be in the name of and vested in **UCB BIOPHARMA**;
- (iii) the right to recover and take all such proceedings as may be necessary for the recovery of damages, an account of profits or other relief in respect of all infringements of any patent or patents granted pursuant to the Application or to any Corresponding Application(s) whether such infringements take place before or after the date of this Agreement;

TO HOLD unto **UCB BIOPHARMA** absolutely.

5. **UCB BIOPHARMA** HEREBY ACCEPTS all that is transferred to it under this Agreement.
6. EACH OF **THE INVENTOR** AND **UCB CELLTECH** HEREBY UNDERTAKES to do or have done as and when required by **UCB BIOPHARMA**, or its nominee as **UCB BIOPHARMA** shall direct, and at the expense of **UCB BIOPHARMA**, any and all acts and things including the execution of documents necessary or expedient for perfecting the assignments contained herein and/or for giving effect to the wishes and intentions of the parties hereto.
7. EACH OF **THE INVENTOR** AND **UCB CELLTECH** HEREBY AUTHORISES **UCB BIOPHARMA** or its nominee and the agents of any of them as **UCB BIOPHARMA** shall direct to insert here below at (\*) the relevant application number and/or any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document:



Signed by **THE INVENTOR**

Breda TWOMEY

Signature: Breda Twomey

Place: SLOUGH, UK

Witness signature: Sarah Humphreys

Name: SARAH HUMPHREYS

Address: 40 208 Bath Road

Place: SLOUGH, UK

Witness signature: Kate Sengbeer

Name: KATE SENGBEER

Address: 40 208 Bath Road

Place: SLOUGH, UK

Signed for and on behalf of **UCB CELLTECH**

By: Name:



**Yogesh KHATRI**  
Finance Director

Title:

Signature:

*Yogesh Khatri*

Place:

*Slough, UK*

Witness signature:

*Sarah Humphreys*

Name:

*SARAH HUMPHREYS*

Address:

*c/o 208 Bath Road*

Place:

*SLOUGH, UK*

Witness signature:

*Ravi Gill*

Name:

*RAVI GILL*

Address:

*c/o 208 Bath Road*

Place:

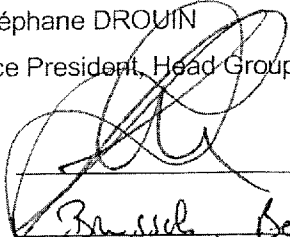
*SLOUGH, UK*



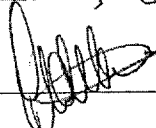
Signed for and on behalf of **UCB BIOPHARMA**

By: Name : Stéphane DROUIN

Title : Vice President, Head Group Intellectual Property

Signature: 

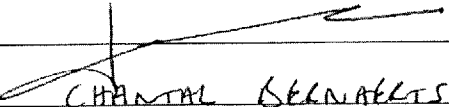
Place: Brussels, Belgium

Witness signature: 

Name: Marina CRAINICH

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Place: Allée de la Recherche, 60  
B-1070 Bruxelles - Belgium

Witness signature: 

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