

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5534202

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

**CONVEYING PARTY DATA**

Name	Execution Date
JOSEP BASSAGANYA-RIERA	03/18/2015
ADRIA CARBO BARRIOS	03/18/2015
RICHARD GANDOUR	03/18/2015
JULIAN COOPER	03/18/2015
RAQUEL HONTECILLAS	03/18/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	BIOTHERAPEUTICS, INC.
<b>Street Address:</b>	1800 KRAFT DRIVE
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	BLACKSBURG
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	24060

**PROPERTY NUMBERS Total: 6**

Property Type	Number
Application Number:	14662506
Application Number:	15374556
Application Number:	15795906
Application Number:	16007151
Application Number:	16227940
PCT Number:	US2015021417

**CORRESPONDENCE DATA****Fax Number:**

*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.*

**Email:** tpv@dewittllp.com, IP-DOCKET@dewittllp.com

**Correspondent Name:** DANIEL A. BLASIOLE

**Address Line 1:** 2 E. MIFFLIN STREET, SUITE 600

**Address Line 2:** DEWITT LLP

**Address Line 4:** MADISON, WISCONSIN 53703

<b>ATTORNEY DOCKET NUMBER:</b>	65538.000
<b>NAME OF SUBMITTER:</b>	TOM VITA
<b>SIGNATURE:</b>	/Tom Vita/
<b>DATE SIGNED:</b>	05/21/2019

**Total Attachments: 5**

source=USPTO--150318--Assignment--Inventors\_to\_BTI--EXECUTED#page1.tif  
source=USPTO--150318--Assignment--Inventors\_to\_BTI--EXECUTED#page2.tif  
source=USPTO--150318--Assignment--Inventors\_to\_BTI--EXECUTED#page3.tif  
source=USPTO--150318--Assignment--Inventors\_to\_BTI--EXECUTED#page4.tif  
source=USPTO--150318--Assignment--Inventors\_to\_BTI--EXECUTED#page5.tif

## A S S I G N M E N T

ASSIGNMENT made by Josep Bassaganya-Riera of 1013 McBryde Lane, Blacksburg, VA 24060; Adria Carbo Barrios of 219 Mountain Breeze Drive, Blacksburg, VA 24060; Richard Gandour of 403 Apperson Drive, Blacksburg, VA 24060-3642; Julian Cooper of 605 Piedmont Street, Blacksburg, VA 24060; and Raquel Hontecillas of 1013 McBryde Lane, Blacksburg, VA 24060 (hereinafter the ASSIGNORS) to Biotherapeutics, Inc., a corporation organized under the laws of the Commonwealth of Virginia, and located and doing business at 1800 Kraft Drive, Suite 200, Blacksburg, VA 24060 (hereinafter the ASSIGNEE).

For good and valuable consideration provided by ASSIGNEE to ASSIGNORS, the receipt of which is hereby acknowledged by ASSIGNORS:

The ASSIGNORS sell, assign and transfer to the ASSIGNEE and its successors and assigns the entire right, title and interest in the invention entitled **NOVEL LANTHIONINE SYNTHETASE C-LIKE 2-BASED THERAPEUTICS** which was filed in the U.S. Patent and Trademark Office on October 24, 2014, as serial number 62/068,322, and on January 8, 2015, as serial number 62/101,164.

This sale and assignment extends to the applications and any related substitute, refile, divisional, or continuation applications filed in the United States and elsewhere; any subsequent patent applications filed in the United States or elsewhere claiming the benefit of priority to these or any of the aforementioned applications; any patents issuing out of any of the aforementioned applications, and any reissues or extensions of such patents; and any other patent applications or patents relating to the invention set forth in the applications identified above.

The ASSIGNORS covenant that they have the full right to convey the entire right, title and interest in the invention to the ASSIGNEE, and that they have not executed and will not execute any agreement in conflict with this ASSIGNMENT.

The ASSIGNORS covenant that they will at any time and upon request execute and deliver any and all papers that may be necessary or desirable to perfect the title in the invention, or the title in any application regarding the invention or in Letters Patent that may be granted for the invention. If the ASSIGNEE or its successors or assigns desire to make substitute, refile, divisional, or continuation applications for the invention, or to secure a

reissue or extension of a Letters Patent for the invention, or to file a disclaimer relating to the invention, or to make an application for a corresponding patent in any foreign country, the ASSIGNORS covenant that they will at any time and upon request sign all papers, make all rightful oaths, and do all lawful acts necessary for these purposes, but at the expense of the ASSIGNEE.

The ASSIGNORS acknowledge that their entire beneficial interest in the invention to which the above application relates is irrevocably vested in the ASSIGNEE, including the right to apply for protection in all countries abroad and the right to claim priority under any International Conventions for such applications, and assent to the making of any such applications and any substitutes, refiles, divisionals, or continuations resulting from any such applications, with or without priority claims.

The ASSIGNORS covenant that they will at all times communicate to the ASSIGNEE, its successors, assigns, and legal representatives, all facts relating to the invention and any applications or Letters Patent relating to the invention known to them, and testify as to these facts in interferences or other litigation when requested to do so, but at the expense of the ASSIGNEE.

(Rest of page left blank intentionally)

Executed and delivered this 18<sup>th</sup> day of March, 2015.

ASSIGNOR: *[Signature]*  
**Josep Bassaganya-Riera**

Commonwealth of Virginia )  
 ) ss.  
County of Montgomery )

Personally appeared before me this 18<sup>th</sup> day of March, 2015, Josep Bassaganya-Riera, to me known to be the person whose name is subscribed to in the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.



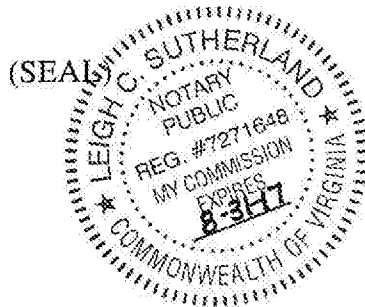
*Leigh C Sutherland*  
Notary Public  
My Commission expires: 8/31/17

Executed and delivered this 18<sup>th</sup> day of March, 2015.

ASSIGNOR: *[Signature]*  
**Richard D. Gandour**

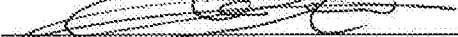
Commonwealth of Virginia )  
 ) ss.  
County of Montgomery )

Personally appeared before me this 18<sup>th</sup> day of March, 2015, Richard D. Gandour, to me known to be the person whose name is subscribed to in the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.



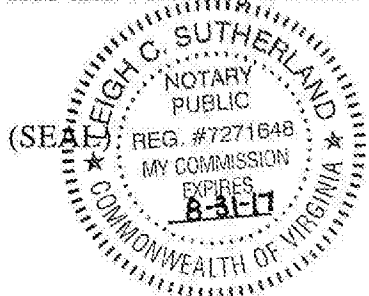
*Leigh C Sutherland*  
Notary Public  
My Commission expires: 8/31/17

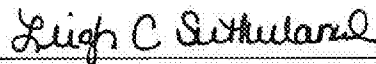
Executed and delivered this 18<sup>th</sup> day of March, 2015.

ASSIGNOR:   
**Adria Carbo Barrios**

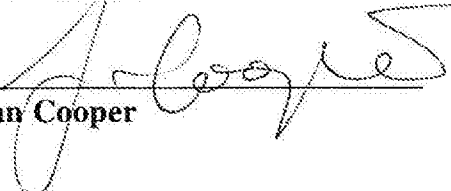
Commonwealth of Virginia )  
 ) ss.  
County of Montgomery )

Personally appeared before me this 18<sup>th</sup> day of March, 2015, Adria Carbo Barrios, to me known to be the person whose name is subscribed to in the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.



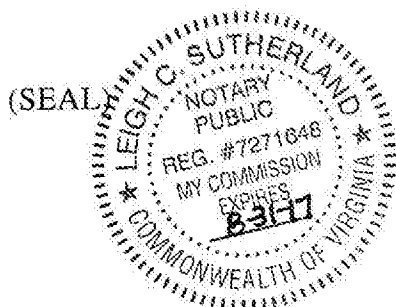
  
Notary Public  
My Commission expires: 8/31/17

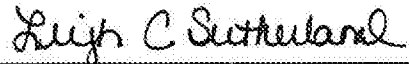
Executed and delivered this 18 day of March, 2015.

ASSIGNOR:   
**Julian Cooper**

Commonwealth of Virginia )  
 ) ss.  
County of Montgomery )

Personally appeared before me this 18<sup>th</sup> day of March, 2015, Julian Cooper, to me known to be the person whose name is subscribed to in the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.



  
Notary Public  
My Commission expires: 8/31/17

Executed and delivered this 18<sup>th</sup> day of March, 2015.

ASSIGNOR: \_\_\_\_\_

Raquel Hontecillas

Commonwealth of Virginia )  
  ) ss.  
County of Montgomery )

Personally appeared before me this 18<sup>th</sup> day of March, 2015, Raquel Hontecillas, to me known to be the person whose name is subscribed to in the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Leif C Sutherland

Notary Public

My Commission expires: 8/31/17

