

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6107587

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN BELMONT	03/17/2020
CAMERON BRANDT	03/17/2020
STEPHEN MICHAEL BURLEIGH	03/17/2020
ALEXANDRA CROFT	03/16/2020
STEPHEN JACOB GOLDFLESS	03/17/2020
DAVID JEFFREY HUSS	04/08/2020
YUE JIANG	03/19/2020
TIMOTHY G. JOHNSTONE	03/17/2020
DAVID KOPPSTEIN	04/24/2020
HIEU NGUYEN	03/20/2020
CHRISTOPHER HEATH NYE	03/17/2020
HALEY PEPER	03/17/2020
BLYTHE D. SATHER	03/17/2020
JAMES SISSONS	04/06/2020
SONIA TIMBERLAKE	03/20/2020
DEAN Y. TOY	03/19/2020
QUEENIE VONG	03/19/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JUNO THERAPEUTICS, INC.
<b>Street Address:</b>	400 DEXTER AVE. N
<b>Internal Address:</b>	SUITE 1200
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98109
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2018053650
<b>CORRESPONDENCE DATA</b>	

**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:** jhumphrey@mofo.com  
**Correspondent Name:** KAREN POTTER  
**Address Line 1:** 12531 HIGH BLUFF DRIVE  
**Address Line 2:** SUITE 100  
**Address Line 4:** SAN DIEGO, CALIFORNIA 92130

<b>ATTORNEY DOCKET NUMBER:</b>	735042014140
<b>NAME OF SUBMITTER:</b>	KAREN POTTER
<b>SIGNATURE:</b>	/Karen Potter, Reg No. 57,254/
<b>DATE SIGNED:</b>	05/14/2020

**Total Attachments: 34**

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**PATENT COOPERATION TREATY (PCT) ASSIGNMENT**

This assignment is by:

Brian Belmont  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

**HPV-SPECIFIC BINDING MOLECULES**

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.


4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:


Date: 3/17/2020

Signature: 

\_\_\_\_\_  
Brian Belmont

ASSIGNEE:

Date: 07 April 2020

Signature: 

\_\_\_\_\_  
Name: Denise Hickey

Title: Authorized Signatory, V & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Cameron Brandt  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed:

Serial No.: PCT/US2018/053650

Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

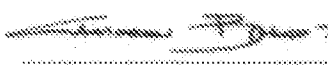
3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, make all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction thereof.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

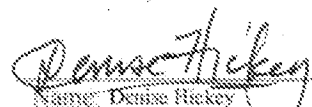
5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 3/17/2020 Signature:   
Cameron Brandt

ASSIGNEE:

Date: 07 April 2020 Signature:   
Name: Denise Hickey  
Title: Authorized Signatory, VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

**PATENT COOPERATION TREATY (PCT) ASSIGNMENT**

This assignment is by:

Stephen Michael Burleigh  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

**HPV-SPECIFIC BINDING MOLECULES**

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's



entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisional, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

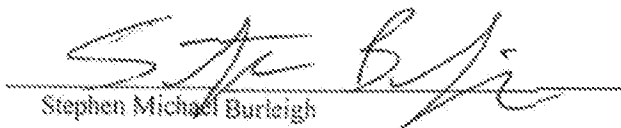
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5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

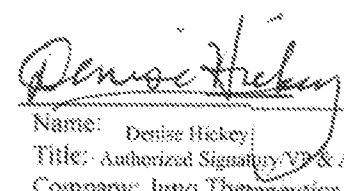
ASSIGNOR:

Date: 3.17.2020 Signature: \_\_\_\_\_

  
Stephen Michael Burlaigh

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_

  
Name: Denise Hickey  
Title: Authorized Signatory, VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Alexandra Croft  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as “Assignee”), which desires to acquire Assignor’s entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

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entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

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4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 3/16/2020 Signature: \_\_\_\_\_

Alexandra Croft

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_

Name: ~~XXXXXXXXXX~~  
Title: Authorized Signatory/V.P. & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Stephen Jacob Goldfless  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

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for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor’s entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
  
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor’s entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor’s

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application, (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

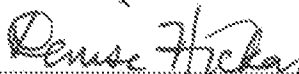
Date: 03/17/2020 Signature: \_\_\_\_\_



Stephen Jacob Goldfless

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_



Name: Denise Mackey

Title: Authorized Signatory, P. O. Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

David Jeffrey Huss  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as “Assignee”), which desires to acquire Assignor’s entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor’s entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor’s entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor’s

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 04/08/2020 Signature: \_\_\_\_\_

David Jeffrey Huss

ASSIGNEE:

Date: 09 April 2020 Signature: \_\_\_\_\_

Name: Denise Hickey

Title: Authorized Signatory/VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Yue Jiang  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as “Assignee”), which desires to acquire Assignor’s entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor’s entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor’s entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor’s



entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 2020-03-19 Signature: \_\_\_\_\_

Yue Jiang  
Yue Jiang

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_

Dennis Hickey  
Name: Dennis Hickey

Title: Authorized Signatory/VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Timothy G. Johnstone  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as “Assignee”), which desires to acquire Assignor’s entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor’s entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
  
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor’s entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor’s

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

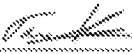
3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 3/17/2020 Signature:   
Timothy G. Johnstone

ASSIGNEE:

Date: 07 April 2020 Signature:   
Name: Bruce Hickey  
Title: Authorized Signatory, VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

David Koppstein  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as “Assignee”), which desires to acquire Assignor’s entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor’s entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
  
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor’s entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor’s

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.


4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 24.04.2020 Signature: \_\_\_\_\_

  
David Koppstein

ASSIGNEE:

Date: 24 April 2020 Signature: \_\_\_\_\_

  
Name: Denise Hickey

Title: Authorized Signatory & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Hieu Nguyen  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

### HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650

Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date:

3/20/20

Signature:



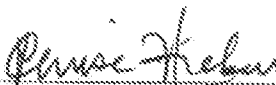
Hieu Nguyen

ASSIGNEE:

Date:

07 April 2020

Signature:



Name: Denise Hickey

Title: Authorized Signatory, VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Christopher Heath Nye  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as “Assignee”), which desires to acquire Assignor’s entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor’s entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor’s entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor’s



entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisional, divisions, continuations, or continuations-in-part based thereon or claiming priority thereon or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction thereof.

4. Assignor hereby petitions and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

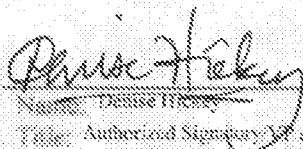
5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 3/17/2020 Signature:   
 Christopher Heath Nye

ASSIGNEE:

Date: 07 April 2020 Signature:   
 Name: Denise Hines  
 Title: Authorized Signatory VP & Assistant General Counsel, Bristol-Myers Squibb Company  
 Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Haley Peper  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

### HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650

Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 17 Mar 20 Signature: \_\_\_\_\_

*Halcy Paper*  
Halcy Paper

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_

*Denise Hickey*  
Name: Denise Hickey

Title: Authorized Signatory & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Blythe D. Sather  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority therein.

Assignor invented certain new and useful inventions in:

### HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650

Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction thereof.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR

Date: 3/17/20 Signature: \_\_\_\_\_

Blythe D. Sather

ASSIGNEE

Date: 07 April 2020 Signature: \_\_\_\_\_

Name: Denise Hickey

Title: Authorized Signatory/Vice Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

James Sissons  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and

that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 6<sup>th</sup> April 2020 Signature: \_\_\_\_\_

James Sissons

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_

Name: Denise Hickey  
 Title: Authorized Signatory, IP & Assistant General Counsel, Bristol-Myers Squibb Company  
 Company: Juhio Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Sonia Timberlake  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as “Assignor”), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as “Assignee”), which desires to acquire Assignor’s entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650                      Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor’s entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
  
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor’s entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor’s



entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 2020/03/20

Signature:

  
Soma Timberlake

ASSIGNEE:

Date: 07 April 2020

Signature:

  
Name: Denise Healy

Title: Authorized Signatory, VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Dean Y. Toy  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed,:

Serial No.: PCT/US2018/053650

Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 3/19/2020 Signature: \_\_\_\_\_

Dean Y. Toy

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_

Name: Denise Hickey

Title: Authorized Signatory/VP & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Amn Therapeutics, Inc.

## PATENT COOPERATION TREATY (PCT) ASSIGNMENT

This assignment is by:

Queenie Vong  
400 Dexter Ave. N  
Suite 1200  
Seattle, Washington 98109  
United States of America

(referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Juno Therapeutics, Inc.  
Address: 400 Dexter Ave. N, Suite 1200  
Seattle, Washington 98109  
United States of America

A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire Assignor's entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby, and in any United States, international, and foreign applications for letters patent based thereon or claiming priority thereto.

Assignor invented certain new and useful inventions in:

### HPV-SPECIFIC BINDING MOLECULES

for which the following Patent Cooperation Treaty (PCT) has been filed:

Serial No.: PCT/US2018/053650

Filing Date: September 28, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to, Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) application, any and all non-provisionals, divisions, continuations, and continuations-in-part based thereon or claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions and said application, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's

entire right, title and interest in and to said inventions and said application, and that the same were unencumbered and that Assignor previously sold, assigned, transferred, and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said PCT application.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said PCT application; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part based thereon or claiming priority thereto or the benefit thereof, or any substitutions of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns, and if applicable, foreign patent office officials in the respective foreign country or jurisdiction to issue the above mentioned letters patents or patents and any modifications to such letters patents or patents for their country or jurisdiction to Assignee as the assignee of said inventions and the letters patents or patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR:

Date: 3/19/20 Signature: \_\_\_\_\_

Quentin Vong

ASSIGNEE:

Date: 07 April 2020 Signature: \_\_\_\_\_

Denise Hickey  
Name: Denise Hickey

Title: Authorized Signatory/VV & Assistant General Counsel, Bristol-Myers Squibb Company  
Company: Juno Therapeutics, Inc.