NATIONAL INSTITUTES OF HEALTH

NON-EXCLUSIVE PATENT LICENSE AGREEMENT FOR INTERNAL RESEARCH USE

COVER PAGE

For NIH's internal use only:	
License Numb	ber:
License Application Number:	
Serial Number(s) of Licensed Patent(s) or Patent Application(s):	
Licensee:	
Cooperative Research and Development Agreement (CRADA) Number (if a	subject invention):
Additional Remarks:	
Public Benefit(s):	

This Patent License Agreement, hereinafter referred to as the "Agreement", consists of this Cover Page, an attached Agreement, a Signature Page, Appendix A (List of Patent(s) or Patent Application(s)), Appendix B (Licensed Products, Processes, Territory, Field of Use and Termination), Appendix C (Royalties), Appendix D (Shipping Information) and Appendix E (Royalty Payment Options). The Parties to this Agreement are:

- 1) The National Institutes of Health ("**NIH**") an agency within the Department of Health and Human Services ("**HHS**"); and
- The person, corporation, or institution identified above and on the Signature Page, having offices at the address indicated on the Signature Page, hereinafter referred to as the "Licensee."

This Agreement is entered into between the NIH through the Office of Technology Transfer, NIH , 6011 Executive
Boulevard, Suite 325, Rockville, Maryland 20852-3804 U.S.A.; and
the ("Licensee"), a corporation of
, having an office at

The **NIH** and the **Licensee** agree as follows:

1. BACKGROUND

- 1.1 In the course of conducting biomedical and behavioral research, the **NIH** investigators made inventions that may have commercial applicability.
- By assignment of rights from the **NIH** employees and other inventors, **HHS**, on behalf of the **Government**, owns intellectual property rights claimed in any United States or foreign patent applications or patents corresponding to the assigned inventions. **HHS** also owns any tangible embodiments of these inventions actually reduced to practice by the **NIH**.
- 1.3 The Secretary of **HHS** has delegated to the **NIH** the authority to enter into this **Agreement** for the licensing of rights to these inventions under 35 U.S.C. §§200-212, the Federal Technology Transfer Act of 1986, 15 U.S.C. §3710a, and the regulations governing the licensing of Government-owned inventions, 37 C.F.R. Part 404.
- 1.4 The **NIH** desires to transfer these inventions to the private sector through commercial research licenses to facilitate the commercial development of products and processes for public use and benefit.
- 1.5 The **Licensee** desires to acquire the rights to use certain of these inventions in order to develop processes, methods, or marketable products for public use and benefit.

2. DEFINITIONS

- 2.1 "Affiliate(s)" means a corporation or other business entity, which directly or indirectly is controlled by or controls, or is under common control with the **Licensee**. For this purpose, the term "control" shall mean ownership of more than fifty percent (50%) of the voting stock or other ownership interest of the corporation or other business entity, or the power to elect or appoint more than fifty percent (50%) of the members of the governing body of the corporation or other business entity.
- 2.2 "Government" means the government of the United States of America.
- 2.3 "Licensed Patent Rights" shall mean:
 - (a) U.S. patent applications and patents listed in Appendix A, all divisions and continuations of these applications, all patents issuing from such applications, divisions, and continuations, and any reissues, reexaminations, and extensions of all such patents;
 - (b) to the extent that the following contain one or more claims directed to the invention or inventions claimed in 2.3(a):
 - (i) continuations-in-part of 2.3(a);

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- (ii) all divisions and continuations of these continuations-in-part;
- (iii) all patents issuing from these continuations-in-part, divisions, and continuations; and
- (iv) any reissues, reexaminations, and extensions of these patents;
- (c) to the extent that the following contain one or more claims directed to the invention or inventions claimed in 2.3(a): all counterpart foreign applications and patents to 2.3(a) and 2.3(b), including those listed in Appendix A; and
- (d) **Licensed Patent Rights** shall *not* include 2.3(b) or 2.3(c) to the extent that they contain one or more claims directed to new matter which is not the subject matter of a claim in 2.3(a).
- 2.4 "Licensed Products" means tangible materials, identified in Appendix B, which, in the course of manufacture, use, sale, or importation would be within the scope of one or more claims of the Licensed Patent Rights that have not been held unpatentable, invalid or unenforceable by an unappealed or unappealable judgment of a court of competent jurisdiction.
- 2.5 "Licensed Processes" means processes, identified in Appendix B, which, in the course of being practiced, would be within the scope of one or more claims of the Licensed Patent Rights that have not been held unpatentable, invalid or unenforceable by an unappealed or unappealable judgment of a court of competent jurisdiction.
- 2.6 "Licensed Territory" means the geographical area identified in Appendix B.
- 2.7 "Licensed Fields of Use" means the field of use identified in Appendix B.

3. GRANT OF RIGHTS

- 3.1 The **NIH** hereby grants and the **Licensee** accepts, subject to the terms and conditions of this **Agreement**, a nonexclusive license under the **Licensed Patent Rights** in the **Licensed Territory** to make and to use, but not to sell the **Licensed Products** and **Licensed Processes** in the **Licensed Fields of Use** only.
- 3.2 The **Licensee** has no right to sublicense.
- 3.3 This **Agreement** confers no license or rights by implication, estoppel, or otherwise under any patent applications or patents of the **NIH** other than the **Licensed Patent Rights** regardless of whether such patents are dominant or subordinate to the **Licensed Patent Rights**.
- 3.4 The **NIH** acknowledges that information relating to the **Licensed Patent Rights** may be of assistance to the **Licensee** in its research efforts. Accordingly, the **NIH** shall consider reasonable requests by the **Licensee** for access to the inventors of the **Licensed Patent Rights**.

4. ROYALTIES

4.1 The **Licensee** agrees to pay the **NIH** a non-creditable, nonrefundable license issue royalty as set forth in Appendix C.

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- 4.2 The **Licensee** agrees to pay the **NIH** a nonrefundable annual royalty as set forth in Appendix C.
- 4.3 All royalties due under this **Agreement** shall be paid in U.S. dollars, net of all non-U.S. taxes, and payment options are listed in Appendix E. For conversion of foreign currency to U.S. dollars, the conversion rate shall be the New York foreign exchange rate quoted in *The Wall Street Journal* on the day that the payment is due.
- 4.4 Additional royalties may be assessed by the **NIH** on any payment that is more than ninety (90) days overdue at the rate of one percent (1%) per month. This one percent (1%) per month rate may be applied retroactively from the original due date until the date of receipt by the **NIH** of the overdue payment and additional royalties. The payment of any additional royalties shall not prevent the **NIH** from exercising any other rights it may have as a consequence of the lateness of any payment.

5. PERFORMANCE

- Upon receipt and verification of the royalties due under Paragraphs 4.1 and 4.2, the **NIH** agrees, if **Licensed Products** are available to the **NIH**, to provide the **Licensee**, at the **Licensee's** expense, with samples of the **Licensed Products** to the individual and address listed in Appendix D and, at reasonable cost to the **Licensee**, to replace them in the event of their unintentional destruction. The **Licensee** agrees to retain control over the **Licensed Products** and shall not distribute or release them to others without the prior written consent of the **NIH**.
- 5.2 The **Licensee** shall expend reasonable efforts and resources to carry out the research development plan submitted with the **Licensee's** application for a license and shall begin research within six (6) months of the effective date of this **Agreement**.
- 5.3 The **Licensee** agrees in its use of any **Licensed Products** provided by the **NIH** to comply with all applicable statutes, regulations, and guidelines, including **NIH** and **HHS** regulations and guidelines. The **Licensee** agrees not to use the **Licensed Products** for research involving human subjects or clinical trials in the United States without complying with 21 C.F.R. Part 50 and 45 C.F.R. Part 46. The **Licensee** agrees not to use the **Licensed Products** for research involving human subjects or clinical trials outside of the United States without notifying the **NIH**, in writing, of this research or trials and complying with the applicable regulations of the appropriate national control authorities. Written notification to the **NIH** of research involving human subjects or clinical trials outside of the United States shall be given no later than sixty (60) days prior to commencement of this research or trials.
- 5.4 All plans and reports required by this **Agreement** shall be treated by the **NIH** as commercial and financial information obtained from a person and as privileged and confidential and, to the extent permitted by law, not subject to disclosure under the Freedom of Information Act, 5 U.S.C. §552.

6. <u>NEGATION OF WARRANTIES AND INDEMNIFICATION</u>

- 6.1 The **NIH** offers no warranties other than those expressly specified in Article 1.
- 6.2 The **NIH** does not warrant the validity of the **Licensed Patent Rights** and makes no representations whatsoever with regard to the scope of the **Licensed Patent Rights**, or that the **Licensed Patent Rights** may be exploited without infringing other patents or other intellectual property rights of third parties.
- 6.3 THE **NIH** MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, OF
 MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF ANY SUBJECT
 MATTER DEFINED BY THE CLAIMS OF THE **LICENSED PATENT RIGHTS** OR OF
 ANY **LICENSED PRODUCTS** PROVIDED TO THE **LICENSEE** UNDER PARAGRAPH 5.1.
- The **NIH** does not represent that it shall commence legal actions against third parties infringing the **Licensed Patent Rights**.
- 6.5 The **Licensee** shall indemnify and hold the **NIH**, its employees, students, fellows, agents, and consultants harmless from and against all liability, demands, damages, expenses, and losses, including but not limited to death, personal injury, illness, or property damage in connection with or arising out of:
 - (a) the use by the **Licensee**, its directors, employees, or third parties of any **Licensed Patent Rights**, or
 - (b) the design, manufacture, distribution, or use of any Licensed Products or materials provided under Paragraph 5.1, or other products or processes developed in connection with or arising out of the Licensed Patent Rights.
- 6.6 The **Licensee** agrees to maintain a liability insurance program consistent with sound business practice.

7. TERM, TERMINATION AND MODIFICATION OF RIGHTS

- 7.1 This **Agreement** is effective when signed by all parties, unless the provisions of Paragraph 8.8 are not fulfilled, and shall expire at the time specified in Appendix B, unless previously terminated under the terms of this Article 7.
- 7.2 In the event that the **Licensee** is in default in the performance of any material obligations under this **Agreement**, including but not limited to the obligations listed in Paragraph 7.3 and if the default has not been remedied within ninety (90) days after the date of notice in writing of the default, the **NIH** may terminate this **Agreement** by written notice and pursue outstanding royalties owed through procedures provided by the <u>Federal Debt Collection Act</u>.
- 7.3 The **NIH** shall specifically have the right to terminate this **Agreement** by written notice if the **Licensee**:

- (a) has not demonstrated that it is executing the research plan submitted with its application for a license or that it has not taken or cannot be expected to take, within a reasonable time, effective steps to achieve the practical application of the **Licensed Patent Rights** as contemplated by this **Agreement**; or
- (b) has willfully made a false statement of or willfully omitted a material fact in its application for a license or in any report required by this **Agreement**.
- 7.4 The **NIH** reserves the right according to <u>35 U.S.C. §209(d)(3)</u> to terminate this **Agreement** if it is determined that this action is necessary to meet the requirements for public use specified by Federal regulations issued after the date of the license and these requirements are not reasonably satisfied by the **Licensee**.
- 7.5 The **Licensee** shall have a unilateral right to terminate this **Agreement** by giving the **NIH** sixty (60) days written notice to that effect.
- 7.6 Within thirty (30) days of receipt of written notice of the **NIH**'s unilateral decision to terminate this **Agreement**, the **Licensee** may, consistent with the provisions of 37 C.F.R. §404.11, appeal the decision by written submission to the Director of the **NIH** or designee. The decision of the **NIH** Director or designee shall be the final agency decision. The **Licensee** may thereafter exercise any and all administrative or judicial remedies that may be available.
- 7.7 If either party desires a modification to this **Agreement**, the parties shall, upon reasonable notice of the proposed modification by the party desiring the change, confer in good faith to determine the desirability of the modification. No modification shall be effective until a written amendment is signed by the signatories to this **Agreement** or their designees.
- 7.8 Within ninety (90) days of expiration, termination or term extension of this **Agreement** under this Article 7, a final report shall be submitted by the **Licensee**. The **Licensee** shall send the report to the **NIH** at the Mailing Address for **Agreement** notices indicated on the Signature Page.
 - (a) The report shall include, but not be limited to, progress on the research and development involving the **Licensed Patent Rights**, the **Licensed Products** or the **Licensed Processes**.
 - (b) Any royalty payments, including those incurred but not yet paid (such as the full minimum annual royalty) due to the **NIH** shall become immediately due and payable upon termination or expiration. Unless otherwise specifically provided for under this **Agreement**, upon termination or expiration of this **Agreement**, the **Licensee** shall return all **Licensed Products** or other materials included within the **Licensed Patent Rights** to the **NIH** or provide the **NIH** with written certification of the destruction thereof.
 - (c) If the term of the **Agreement** is extended at the **Licensee's** request, then the **NIH** and the **Licensee** will negotiate in good faith regarding the schedule for reports regarding the information required in 7.8(a);

- (d) If the term of this **Agreement** is longer than ten (10) years, then the **NIH** may request a status update report after the fifth (5th) year of the **Agreement**; and
- (e) The **Licensee** may not be granted additional **NIH** licenses if this reporting requirement is not fulfilled.
- 7.9 Paragraphs 4.3, 4.4, 5.4, 6.1-6.5, 7.6, 7.8 and 7.9 of this **Agreement** shall survive termination of this **Agreement**.

8. GENERAL PROVISIONS

- 8.1 This **Agreement** constitutes the entire agreement between the parties relating to the subject matter of the **Licensed Patent Rights**, and all prior negotiations, representations, agreements, and understandings are merged into, extinguished by, and completely expressed by this **Agreement**.
- 8.2 The provisions of this **Agreement** are severable, and in the event that any provision of this **Agreement** shall be determined to be invalid or unenforceable under any controlling body of law, such determination shall not in any way affect the validity or enforceability of the remaining provisions of this **Agreement**.
- 8.3 The construction, validity, performance, and effect of this **Agreement** shall be governed by Federal law as applied by the Federal courts in the District of Columbia.
- 8.4 All **Agreement** notices required or permitted by this **Agreement** shall be given by prepaid, first class, registered or certified mail properly addressed to the other party at the address designated on the following Signature Page, or to another address as may be designated in writing by such other party, and shall be effective as of the date of the postmark of such notice.
- 8.5 This **Agreement** shall not be assigned or otherwise transferred (including any transfer by legal process or by operation of law, and any transfer in bankruptcy or insolvency, or in any other compulsory procedure or order of court) except to the **Licensee's Affiliate(s)** without the prior written consent of the **NIH**. The parties agree that the identity of the parties is material to the formation of this **Agreement** and that the obligations under this **Agreement** are nondelegable.
- 8.6 The **Licensee** acknowledges that it is subject to and agrees to abide by the United States laws and regulations (including the Export Administration Act of 1979 and Arms Export Control Act) controlling the export of technical data, computer software, laboratory prototypes, biological materials and other commodities. The transfer of these items may require a license from the appropriate agency of the **Government** or written assurances by the **Licensee** that it shall not export these items to certain foreign countries without prior approval of the agency. The **NIH** neither represents that a license is or is not required or that, if required, it shall be issued.
- 8.7 The parties agree to attempt to settle amicably any controversy or claim arising under this **Agreement** or a breach of this **Agreement**, except for appeals of modification or termination decisions provided for in Article 7. The **Licensee** agrees first to appeal any such unsettled claims or controversies to the designated the **NIH** official or designee, whose decision shall be considered the final agency decision. Thereafter, the **Licensee** may exercise any administrative or judicial remedies that may be available.

8.8 The terms and conditions of this **Agreement** shall, at the **NIH's** sole option, be considered by the **NIH** to be withdrawn from the **Licensee's** consideration and the terms and conditions of this **Agreement**, and the **Agreement** itself to be null and void, unless this **Agreement** is executed by the **Licensee** and a fully executed original is received by the **NIH** within sixty (60) days from the date of the **NIH** signature found at the Signature Page.

SIGNATURES BEGIN ON NEXT PAGE

NIH NON-EXCLUSIVE PATENT LICENSE AGREEMENT FOR INTERNAL RESEARCH USE

FOR NI	H:	
h.	DRAFT	
Richard Director Office o	U. Rodriguez , Division of Technology Development and Transfer f Technology Transfer l Institutes of Health	Date
Mailing	Address or E-mail Address for Agreement notices and repo	orts:
Office o National 6011 Ex	Monitoring & Enforcement Branch of Technology Transfer I Institutes of Health secutive Boulevard, Suite 325 le, Maryland 20852-3804 U.S.A.	
E-mail:	LicenseNotices_Reports@mail.nih.gov	
	Licensee (Upon information and belief, the undersigned expendents of the Licensee made or referred to in this document	
License	e	
	DRAFT re of Authorized Official	Date
Printed 1	Name	
Title		
I.	Official and Mailing Address for Agreement notices:	
	Name	
	Title	
	Mailing Address	
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	-			
	Email Address:			<u> </u>
	Phone:			
	Fax:			_
	1 dx			_
II.	Official and Mailing	g Address for Financial notices	(Licensee's contact p	person for royalty payments)
	Name			
	Title			
	Mailing Address:			
			<u></u>	
	Email Address:			
	Phone:			
	Fax:			

Any false or misleading statements made, presented, or submitted to the **Government**, including any relevant omissions, under this **Agreement** and during the course of negotiation of this **Agreement** are subject to all applicable civil and criminal statutes including Federal statutes 31 U.S.C. §§3801-3812 (civil liability) and 18 U.S.C. §1001 (criminal liability including fine(s) or imprisonment).

APPENDIX A – PATENT(S) OR PATENT APPLICATION(S)

Patent(s) or Patent Application(s):

I.

II.

III.

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$\frac{APPENDIX\ B-LICENSED\ PRODUCTS, PROCESSES, TERRITORY, FIELD\ OF\ USE\ AND}{TERMINATION}$

I.	Licensed Products:
	(a)
II.	Licensed Processes:
	(a)
III.	Licensed Territory:
	(a)
IV.	Licensed Fields of Use:
	(a)
v.	Termination:
	(a) This Agreement shall expire (X) years from the effective date as defined in Paragraph 7.1 unless previously terminated under Article 7.

APPENDIX C – ROYALTIES

Royalties:

I.	The I of	Licensee agrees to pay to the NIH a noncreditable, nonrefundable license issue royalty in the amount dollars (\$X) within sixty (60) days from the effective date of this Agreement .
II.		Licensee agrees to pay to the NIH a nonrefundable annual royalty in the amount of dollars as follows:
	(a)	The first annual royalty is due within sixty (60) days of the effective date of this Agreement and may be prorated according to the fraction of the calendar year remaining between the effective date of this Agreement and the next subsequent January 1; and
	(a)	Subsequent annual royalty payments are due and payable on January 1 of each calendar year.

<u>APPENDIX D – SHIPPING INFORMATION</u>

<u>The Licensee's Shipping Contact:</u> information or questions regarding shipping should be direct Licensee's Shipping Contact at:		
Shipping Con	tact's Name	Title
Phone: ()	Fax: ()	E-mail:
Shipping Address: Na	ame & Address to which Materi	als should be shipped (please be specific
Company Name & De	partment	
Address:		
The Licensee's shipping	ng carrier and account number to b	be used for shipping purposes:

APPENDIX E – ROYALTY PAYMENT OPTIONS

The OTT License Number MUST appear on payments, reports and correspondence.

Automated Clearing House (ACH) for payments through U.S. banks only

The NIH encourages its licensees to submit electronic funds transfer payments through the Automated Clearing House (ACH). Submit your ACH payment through the U.S. Treasury web site located at: https://www.pay.gov. Locate the "NIH Agency Form" through the Pay.gov "Agency List".

Electronic Funds Wire Transfers

The following account information is provided for wire payments. In order to process payment via Electronic Funds Wire Transfer sender MUST supply the following information within the transmission:

Drawn on a U.S. bank account via FEDWIRE should be sent directly to the following account:

Beneficiary Account: Federal Reserve Bank of New York or TREAS NYC

Bank: Federal Reserve Bank of New York

ABA# 021030004 Account Number: 75080031

Bank Address: 33 Liberty Street, New York, NY 10045 Payment Details: License Number (L-XXX-XXXX)

Name of the Licensee

Drawn on a **foreign bank account** should be sent directly to the following account. Payment must be sent in **U.S. Dollars (USD)** using the following instructions:

Beneficiary Account: Federal Reserve Bank of New York/ITS or FRBNY/ITS

Bank: Citibank N.A. (New York)

SWIFT Code: CITIUS33 Account Number: 36838868

Bank Address: 388 Greenwich Street, New York, NY 10013

Payment Details (Line 70): NIH 75080031

License Number (L-XXX-XXXX)

Name of the Licensee

Detail of Charges (line 71a): Charge Our

Checks

All checks should be made payable to "NIH Patent Licensing"

Checks drawn on a <u>U.S. bank account</u> and sent by US Postal Service should be sent directly to the following address:

National Institutes of Health (**NIH**) P.O. Box 979071 St. Louis, MO 63197-9000

Checks drawn on a U.S. bank account and sent by **overnight or courier** should be sent to the following address:

US Bank Government Lockbox SL-MO-C2GL 1005 Convention Plaza St. Louis, MO 63101 Phone: 314-418-4087

Checks drawn on a **foreign bank account** should be sent directly to the following address:

National Institutes of Health (**NIH**) Office of Technology Transfer Royalties Administration Unit 6011 Executive Boulevard Suite 325, MSC 7660 Rockville, Maryland 20852