PUBLIC HEALTH SERVICE

COST-SHARING AGREEMENT

This **Agreement** is based on the model Cost Sharing Agreement adopted by the U.S. Public Health Service ("**PHS**") Technology Transfer Policy Board for use by components of the National Institutes of Health ("**NIH**"), the Centers for Disease Control and Prevention ("**CDC**"), and the Food and Drug Administration ("**FDA**"), which are agencies of the **PHS** within the Department of Health and Human Services ("**HHS**").

This Cover Page identifies the Parties to this **Agreement**:

The U.S. Department of Health and Human Services, as represented by

[Insert the full name of the IC]

an Institute or Center (hereinafter referred to as the "IC") of the

[INSERT as appropriate: NIH, CDC, or FDA]

and

[Insert Company's official name],

hereinafter referred to as the "Licensee",

having offices at [Insert Company's address],

created and operating under the laws of [Insert State of Incorporation].

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1.1	In the course of fundamental research programs at the IC and by the Institution,
	(hereinafter referred to as the "Inventor(s)") made or reduced to practice
	certain inventions, which are included within the Patent Rights , as defined in Paragraph 2.1.

- 1.2 It is the mutual desire of the **Institution** and the **IC** that their respective undivided interests in the **Patent Rights** be administered in a manner to ensure the rapid commercialization of the **Patent Rights** and to make their benefits widely available to the public.
- 1.3 The Government of the United States (hereinafter referred to as "Government") shall have the irrevocable, royalty-free, paid-up right to practice and have practiced the **Patent Rights** throughout the world by or on behalf of the **Government** and on behalf of any foreign government or international organization pursuant to any existing or future treaty or agreement to which the **Government** is a signatory.
- 1.4 The **IC** and the **Institution** are co-owners of the **Patent Rights** through the assignment of rights from the **Inventors**.

2. <u>DEFINITIONS</u>

2.1	"Patent Rig	ghts" means
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(a)	Patent applications (including provisional patent applications and PCT patent				
	applications) or patents as follows: U.S. Patent Application Serial No./U.S. Provisional				
	Patent Application Serial No/, filed, entitled				
	, and any patent application(s) claiming the benefit of				
	priority thereof including 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 to the extent that at least one Inventor				
	from the Institution is an Inventor thereon;				

- (b) to the extent that the following contain one or more claims directed to the invention or inventions disclosed in 2.1(a) and to the extent that at least one **Inventor** from the **Institution** is an **Inventor**:
 - (i) continuations-in-part of 2.1(a);
 - (ii) all divisions and continuations of these continuations-in-part;
 - (iii) all patents issuing from these continuations-in-part, divisions, and continuations;
 - (iv) priority patent application(s) of 2.1(a); and
 - (v) any reissues, reexaminations, and extensions of all these patents; and

- (c) to the extent that the following contain one or more claims directed to the invention or inventions disclosed in 2.1(a) and to the extent that at least one **Inventor** from the **Institution** is an **Inventor**: all counterpart foreign and U.S. patent applications and patents to 2.1(a) and 2.1(b); and
- (d) **Patent Rights** shall *not* include 2.1(b) or 2.1(c) to the extent that they contain one or more claims directed to new matter which is not the subject matter disclosed in 2.1(a).
- 2.2 "Expenses" means all reasonable and actual out-of-pocket costs, excluding those reimbursed by a third party, paid by the IC for the preparation, filing, prosecution, and licensing of United States and foreign patent applications, extraordinary expenses as provided in Paragraph 3.6, and the maintenance of resulting the patents or patent applications, exclusive of any salaries, administrative, or other indirect costs.

3. <u>PATENT PROSECUTION AND PROTECTION</u>

- 3.1 The **IC** shall file, prosecute, and maintain patent application(s) relating to the **Patent Rights** and shall promptly provide to the **Institution** all serial numbers and filing dates, together with copies of all the applications, including copies of all Patent Office actions, responses, and all other Patent Office communications. In addition, the **Institution** shall be granted Power of Attorney for all such patent applications. The **IC** shall consult with the **Institution**, when so requested, prior to communicating with any Patent Office with respect to the **Patent Rights**.
- 3.2 The IC shall make an election with respect to foreign filing, upon consultation with the Institution. If any foreign patent applications are filed, the IC shall promptly provide to the Institution all serial numbers and filing dates. The IC also shall provide to the Institution copies of foreign patent applications and Patent Office actions. The IC shall consult with the Institution, when so requested, prior to communication with any Patent Office with respect to the Patent Rights.
- 3.3 The **IC** shall promptly record assignments of domestic patent rights in the United States Patent and Trademark Office and shall promptly provide the **Institution** with a photocopy of each recorded Assignment(s) to the **Institution**.
- 3.4 Notwithstanding any other provision of this **Agreement**, the **IC** shall not abandon the prosecution of any patent application, including provisional patent applications (except for purposes of filing continuation application(s)) or the maintenance of any patent contemplated by this **Agreement**, without prior written notice to the **Institution**. Upon receiving the written notice, the **Institution** may, at its sole option and expense, take over the prosecution of any patent application, or the maintenance of any patent.
- 3.5 The **IC** shall promptly provide to the **Institution** copies of all patents issued which are subject to this **Agreement**.
- 3.6 In the event that the **IC** anticipates the possibility of any extraordinary expenditures arising from the preparation, filing, prosecution, licensing, or defense of any patent application or patent contemplated by this **Agreement**, including, without limitation, interferences, reexaminations, reissues and oppositions, the **IC** shall provide the **Institution** with all relevant information and these extraordinary expenditures shall be included as **Expenses** only upon written agreement of the **Institution**. The **IC** and the **Institution** shall agree on a mutually acceptable course of action prior to incurring these expenditures.

3.7 The IC or its contractors shall submit statements of itemized expenses to the Institution, and if the Institution should fail to reimburse the IC or its contractors for _____ percent (X%) of Expenses within one hundred and eighty (180) days of receipt, the IC may give written notice of default to the Institution pursuant to Paragraph 6.3. If the Institution should fail to cure this default within ninety (90) days from the receipt by it of the written notice, the IC may construe this default as termination on the part of the Institution pursuant to Paragraph 5.2, except where the Institution has identified discrepancies in billing by the IC, in which case payment for the contested item may be delayed pending resolution thereof.

4. LICENSING

4.1 The **Institution** and the **IC** shall both diligently seek licensee(s) for the commercial development of said **Patent Rights** and shall administer the **Patent Rights** for the mutual benefit of the parties and in the best interest of the public.

5. <u>TERM AND TERMINATION</u>

- 5.1 This **Agreement** is effective when signed by all parties, unless the provisions of Paragraph 6.8 have not been fulfilled, and shall extend to the expiration of the last to expire of the patents included within the **Patent Rights** unless otherwise terminated by operation of law or by acts of the parties in accordance with the terms of this **Agreement**.
- 5.2 The **Institution** may terminate this **Agreement** upon at least sixty (60) days written notice to the **IC**, but in any event not less than sixty (60) days prior to the date on which any pending Patent Office actions need be responded to in order to preserve **Patent Rights** for the benefit of the parties hereto.
- 5.3 The IC may terminate this **Agreement** for any reason upon sixty (60) days written notice to the **Institution**

6. GENERAL

- 6.1 This **Agreement** shall be construed in accordance with U.S. Federal law, as interpreted and applied by the U.S. Federal courts in the District of Columbia. Federal law and regulations shall preempt any conflicting or inconsistent provisions in this **Agreement**. **Institution** agrees to be subject to the jurisdiction of U.S. courts.
- Any controversy or any disputed claim by either party against the other arising under or related to this **Agreement** shall be submitted jointly to the **Institution's** President, or designee, and to the designated **IC** official, or designee for resolution. The **Institution** and the **IC** shall be free after written decisions are issued by those officials to pursue any and all administrative or judicial remedies which may be available.

- 6.3 All **Agreement** notices required or permitted by this **Agreement** shall be given by prepaid, first class, registered or certified mail or by an express/overnight delivery service provided by a commercial carrier, 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 the other party. **Agreement** notices shall be considered timely if the Notices are received on or before the established deadline date or sent on or before the deadline date as verifiable by U.S. Postal Service postmark or dated receipt from a commercial carrier. Parties should request a legibly dated U.S. Postal Service postmark or obtain a dated receipt from a commercial carrier or the U.S. Postal Service. Private metered postmarks shall not be acceptable as proof of timely mailing.
- 6.4 It is agreed that no waiver by either party hereto of any breach or default of any of the covenants or agreements herein set forth shall be deemed a waiver as to any subsequent or similar breach or default.
- 6.5 This **Agreement** is binding upon and shall inure to the benefit of the parties hereto, their successors or assigns, but this **Agreement** may not be assigned by either party without the prior written consent of the other party.
- 6.6 Any modification to this **Agreement** must be in writing and agreed to by both parties.
- 6.7 It is understood and agreed by the **Institution** and the **IC** that this **Agreement** constitutes the entire agreement, both written and oral, between the parties, and that all prior agreements respecting the subject matter hereof, either written or oral, expressed or implied, shall be abrogated, canceled, and are null and void and of no effect.
- 6.8 The terms and conditions of this **Agreement** shall, at the **IC**'s sole option, be considered by **IC** to be withdrawn from **Institution'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 **Institution** and a fully executed original is received by the **IC** within sixty (60) days from the date of the **IC's** signature found at the Signature Page.

SIGNATURE PAGE

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate originals by their respective duly authorized officers hereunto, on the day and year hereinafter written. Any communication or notice to be given shall be forwarded to the respective addresses listed below. For **IC**: DRAFT Name Date Title Office National Institutes of Health Mailing Address or E-mail Address for **Agreement** notices: E-mail: LicenseNotices Reports@mail.nih.gov (preferred) Mail: License Compliance and Administration Monitoring & Enforcement Office of Technology Transfer National Institutes of Health 6701 Rockledge Drive, Suite 700, MS 7788 Bethesda, Maryland 20892 U.S.A. (For courier deliveries please check https://www.ott.nih.gov/licensing/license-noticesreports For the **Institution** (Upon information and belief, the undersigned expressly certifies or affirms that the contents of any statements of the Institution made or referred to in this Agreement are truthful and accurate.) by: DRAFT Signature of Authorized Official Date Printed Name

Title

Name

Title

Official and Mailing Address for Agreement notices:

Mailing Address:			
		<u> </u>	
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Email Address:			
Phone:			-
Fax:			-
Official and Mailing Address Name	for Financial notices (Li	censee's contact person	for royalty payments)
Title			
Mailing Address:			
			
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).