PUBLIC HEALTH SERVICE

PHS INTERINSTITUTIONAL AGREEMENT--PHS

				("the Institution "),		
(herei	nafter ref	erred to a	s " PHS "), as represented by the Offic	_, and the United States Public Health Service se of Technology Transfer, National Institutes of 25, Rockville, Maryland 20852-3804, U.S.A		
1.	BACKGROUND					
	1.1			rams at the PHS and by the Institution , de or reduced to practice certain inventions which are ed in Paragraph 2.1 below.		
	1.2	said P Right granti	atent Rights be administered in a mars and to make their benefits widely av	the PHS that their respective undivided interests in mer to ensure the rapid commercialization of the Patent railable to the public. Therefore, the Institution is citution 's rights in the Patent Rights to the PHS under		
2.	<u>DEFINITIONS</u>					
	2.1 "Patent Rights" means:					
		a)	patent applications) and/or patents Serial No./U.S. Provisional Patent A	d any patent application(s) claiming ading all divisions and continuations assuing from such applications, any reissues, reexaminations, and ne extent that at least one Inventor		
		b)	the invention or inventions disclos at least one Inventor from the Insti continuations-in-part of a) above; these continuations-in-part; iii) all	ii) all divisions and continuations of patents issuing from such nd continuations; iv) priority patent		
		c)	the invention or inventions disclos	ntain one or more claims directed to sed in a) above and to the extent that itution is an Inventor: all counterpart in and patents to a) and b) above,		

including those listed in Appendix A.

Patent Rights shall *not* include b) or c) above to the extent that they contain one or more claims directed to new matter which is not the subject matter disclosed in a) above.

- "Net Revenues" means any and all consideration received by PHS from the licensing of said Patent Rights pursuant to this Agreement, less fifteen percent (15%) of such consideration for administrative overhead. In the event that a license is executed by PHS with a third party wherein said Patent Rights are licensed together with other technologies not falling under the definition of Patent Rights above, "any and all consideration received by PHS from the licensing of said Patent Rights pursuant to this Agreement" through such third-party executed license shall correspond to said Patent Rights' percentage contribution to the total amount received for all licensed technologies as determined by PHS.
- 2.3 "Expenses" means all reasonable and actual out-of-pocket costs incurred by PHS for the preparation, filing, prosecution, and licensing of United States and foreign patent applications, extraordinary expenses as provided in Paragraph 4.6, and the maintenance of resulting patents, exclusive of any salaries, administrative, or other indirect costs.
- 2.4 "Recoverable Costs" means ______ percent (____%) of Expenses incurred by the PHS from its management of Patent Rights pursuant to this Agreement, excluding costs reimbursed by third parties.

3. GRANT AND RESERVATION OF RIGHTS

- 3.1 The **Institution** hereby grants and **PHS** accepts, subject to the terms and conditions of this **Agreement**, an exclusive license including the right to sublicense, under the **Patent Rights** to make and have made, to use and have used, to sell and have sold, to offer to sell, and to import any tangible embodiment of the **Patent Rights** and to practice and have practiced any process(es) included within the **Patent Rights**.
- 3.2 The Government of the United States shall have the irrevocable, royalty-free right worldwide to practice and have practiced the **Patent Rights** for or on behalf of the United States and on behalf of any foreign government or international organization under any existing or future treaty or agreement with the United States.

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

- PHS shall file, prosecute, and maintain patent application(s) pertaining to Patent Rights and shall promptly provide to the Institution all serial numbers and filing dates, together with copies of all such applications, including copies of all Patent Office actions, responses, and all other Patent Office communications. In addition, the Institution, will be granted Power of Attorney for all such patent applications. PHS shall consult with the Institution, when so requested, prior to communicating with any Patent Office with respect to the Patent Rights.
- 4.2 **PHS** shall make an election with respect to foreign filing, upon consultation with the **Institution**. If any foreign patent applications are filed, **PHS** shall promptly provide to the **Institution** all serial numbers and filing dates. **PHS** also shall provide to the **Institution** copies of foreign patent applications and Patent Office actions. **PHS** shall consult with the **Institution**, when so requested, prior to communication with any Patent Office with respect to the **Patent Rights**.
- 4.3 **PHS** 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**.

- 4.4 Notwithstanding any other provision of this **Agreement**, **PHS** 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 such written notice, the **Institution** may, at its sole option and expense, take over the prosecution of any such patent application, or the maintenance of any such patent.
- 4.5 **PHS** shall promptly provide to the **Institution** copies of all issued patents under this **Agreement**.
- In the event that **PHS** 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. **PHS** shall provide the **Institution** with all relevant information and such extraordinary expenditures shall be included as **Expenses** only upon written agreement of the **Institution**. **PHS** and the **Institution** shall agree on a mutually acceptable course of action prior to incurring such expenditures.

5. <u>LICENSING</u>

- 5.1 **PHS** shall 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 public interest.
- 5.2 **PHS** shall promptly provide to the **Institution** copies of all licenses and sublicenses issued on **Patent Rights**.

6. ROYALTIES AND EXPENSES

6.1	PHS shall distribute Net Revenues to the Institution concurrently with distributions it makes under PHS's patent policy on the following basis: a) percent (%) of the Net Revenues to the Institution and b) percent (% of the Net Revenues as a royalty to PHS. All payments to the Institution required under this Agreement shall be in U.S. Dollars and shall be made by check or bank draft drawn on a United States bank and made payable to All such payments shall be sent to the following address:				
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6.2	PHS shall submit to the Institution annual statements of itemized Expenses and may, at its sole discretion, elect to either: 1) deduct Recoverable Costs prior to the distribution of Net Revenues pursuant to Article 6.1 of this Agreement , or 2) directly invoice or have its contract attorneys or other agents of the PHS directly invoice the Institution for Recoverable Costs contemporaneous to their generation. If the Institution has identified discrepancies in billing by PHS , deduction of the contested item from Net Revenues may be delayed pending resolution thereof. In the case of 2) above, the Institution shall pay within sixty (60) days of receiving an invoice.				
6.3	PHS shall upon execution of the Agreement submit to the Institution a statement of Expenses incurred prior to the execution date of this Agreement . The Institution will pay, within sixty (60) days of the date of invoice, percent (%) of these prior Expenses .				
6.4	Each party shall be solely responsible for calculating and distributing to its respective Inventor(s) of the subject Patent Rights any share of Net Revenues in accordance with its respective patent				

policy, royalty policy, or Federal law during the term of this Agreement.

7. RECORDS AND REPORTS

- 7.1 **PHS** shall keep complete, true, and accurate accounts of all **Expenses** and of all **Net Revenues** received by it from each licensee of the **Patent Rights** and shall permit the **Institution** or the **Institution**'s designated agent to examine its books and records in order to verify the payments due or owed under this **Agreement**.
- 7.2 Upon request by the **Institution**, **PHS** shall submit to the **Institution** a report setting forth the status of all patent prosecution, commercial development, and licensing activity relating to the **Patent Rights** for the preceding calendar year.

8. PATENT INFRINGEMENT

- 8.1 In the event **PHS** or the **Institution**, including its licensees, shall learn of the substantial infringement of any patent subject to this **Agreement**, the party who learns of the infringement shall promptly notify the other party in writing and shall provide the other party with all available evidence of such infringement. **PHS** and its licensees, in cooperation with the **Institution**, shall use their best efforts to eliminate such infringement without litigation. If the efforts of the parties are not successful in eliminating the infringement within ninety (90) days after the infringing party has been formally notified of the infringement by **PHS**, **PHS** shall have the right, after consulting with the **Institution**, to commence suit on its own account. The **Institution** may commence its own suit after consultation with **PHS**.
- 8.2 **PHS** may permit its licensees to bring suit on their own account, and **PHS** shall retain the right to join any licensee's suit.
- 8.3 The **Institution** shall take no action to compel **PHS** either to initiate or to join in any suit for patent infringement. Should the **Government** be made a party to any such suit by motion or any other action of the **Institution**, the **Institution** shall reimburse the **Government** for any costs, expenses, or fees which the **Government** incurs as a result of such motion or other action, including any and all costs incurred by **PHS** in opposing any such joinder action.
- 8.4 Legal action or suits to eliminate infringement and/or recover damages pursuant to Paragraph 8.1 shall be at the full expense of the party by whom suit is brought. All damages recovered thereby shall first be used to reimburse each party for their expenses in connection with such legal action, and the remainder of such damages shall be considered **Net Revenues**.
- Each party agrees to cooperate with the other in litigation proceedings. **PHS** may be represented at its expense by counsel of its choice in any suit.

9. GOVERNING LAWS, SETTLING DISPUTES

- 9.1 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 will preempt any conflicting or inconsistent provisions in this **Agreement**. **Institution** agrees to be subject to the jurisdiction of U.S. courts.
- 9.2 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** President and to the Director of the National Institutes of Health (NIH) or designee for resolution. The **Institution** and **PHS** will be free after written decisions are issued by those officials to pursue any and all administrative and/or judicial remedies which may be available.

10. TERM AND TERMINATION

- 10.1 This **Agreement** is effective when signed by all parties 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**.
- 10.2 **PHS** may terminate this **Agreement** upon at least sixty (60) days written notice to the **Institution**, but in any event not less than sixty (60) days prior to the date on which any pending Patent Office actions need be taken to preserve patent rights for the benefit of the parties hereto.
- 10.3 The **Institution** may terminate this **Agreement** in whole or in part if: a) **PHS** fails to make payments or periodic reports required by this **Agreement**; b) **PHS** has committed a substantial breach of a covenant or duty contained in this **Agreement**; or c) **PHS** and the **Institution** are involved in a dispute under this **Agreement** which cannot be resolved under the procedures specified in Paragraph 9.2. If the **Agreement** is terminated under this Section 10.3, the **Institution** agrees to provide affected licensees an opportunity to license the **Patent Rights** under such terms as may have been agreed to by **PHS**.

11. GENERAL

- All 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 such other address as may be designated in writing by such other Party. Notices shall be considered timely if such 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.
- 11.2 The **Agreement** or anything related thereto shall not be construed to confer on any person any immunity from or defenses under the antitrust laws or from a charge of patent misuse, and the acquisition and use of rights pursuant to this **Agreement** shall not be immunized from the operation of state or Federal law by reason of the source of the grant.
- 11.3 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 and/or similar breach or default.
- 11.4 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.
- This **Agreement** confers no license or rights by implication, estoppel, or otherwise under any patent applications or patents of **PHS** other than **Patent Rights** regardless of whether such patents are dominant or subordinate to **Patent Rights**.
- 11.6 Any modification to this **Agreement** must be in writing and agreed to by both parties.

11.7	It is understood and agreed by the Institution and PHS 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.

SIGNATURES BEGIN ON NEXT PAGE

PHS INTERINSTITUTIONAL AGREEMENT--PHS

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 PHS :	
Jack Spiegel, Ph.D. Director, Division of Technology Development and Transfer Office of Technology Transfer National Institutes of Health	Date
Mailing Address for Notices:	
Office of Technology Transfer National Institutes of Health 6011 Executive Boulevard, Suite 325 Rockville, Maryland 20852-3804 U.S.A.	
For the Institution (Upon information and belief, the undersignary statements of the Institution made or referred to in this A by:	
Signature of Authorized Official	Date
Printed Name	
Title	
Official and Mailing Address for Notices:	
Any false or misleading statements made, presented, or submomissions, under this Agreement and during the course of neapplicable civil and criminal statutes including Federal statutes § 1001 (criminal liability including fine(s) and/or imprisonment	egotiation of this Agreement are subject to all s 31 U.S.C. §§ 3801-3812 (civil liability) and 18 U.S.C.