## **MATERIALS TRANSFER AGREEMENT**

## between

U.S. Environmental Protection Agency (EPA) through its
Office of Research and Development (ORD) through its
National Center for Computational Toxicology (NCCT) at
109 T.W. Alexander Drive, Durham, NC 27709, United States of America
(hereinafter referred to as "EPA")

and

The Regents of the University of California, on behalf of its Los Angeles campus (hereinafter referred to as "Recipient")

1. EPA agrees to transfer to Recipient, under the direction of Recipient's Investigator		
named below, the following Research Material (please check box to select all that apply):		
Ε	A copy of the ToxCast™ chemical library consisting of chemical samples	
	prepared as solutions in dimethyl sulfoxide at a concentration of 20 millimolar.  In vivo whole animal toxicology summary data derived from the EPA Toxicology Reference Database (ToxRefDB). Below, this is referred to as the "ToxRefDB	
D	Data."  Samples of nanomaterials and references, solutions for zebrafish embryos, sterile bovine serum and cell culture media.	
D	Characterization data, as cleared for sharing by original data generator, from testing samples.	
D	In vitro and in vivo assay data derived from testing samples through ToxCast™.	

This data is derived from chemicals analyzed using a variety of high throughput assay techniques. Below, this is referred to as the "ToxCast™ Data".



Individual subsets of this data will be delivered to the recipient after they have been prepared for use at the EPA and cleared for release to the Recipient.

- 2. EPA's Research Material may not be used in human subjects. The Research Material will be used only for research purposes by Recipient's investigator in his/her laboratory, for the research project described below, under suitable containment conditions. Recipient agrees to comply with all Federal rules and regulations applicable to the Research Project and the handling of the Research Material.
- 3. The EPA Research Material does not include specimens or data derived or collected from human subjects.
- 4. The EPA Research Material will be used by Recipient, under the Recipient's Investigator's direction, solely in connection with the following research projects described with specificity as follows:
- UC Center for Environmental Implications of Nanotechnology (UC CEIN) will use the EPA research material to work with EPA researchers to analyze the data, including providing EPA researchers access to HTS Data Analysis Tool (HDAT) developed by UC CEIN. EPA will provide the data derived from screening through ToxCast in order to compare data analysis results, hereinafter referred to as ("Research Project").
- 5. In all oral presentations or written publications concerning the Research Project, Recipient will acknowledge EPA's contribution of this Research Material, if used, unless requested otherwise. To the extent permitted by law, for a period of five years after

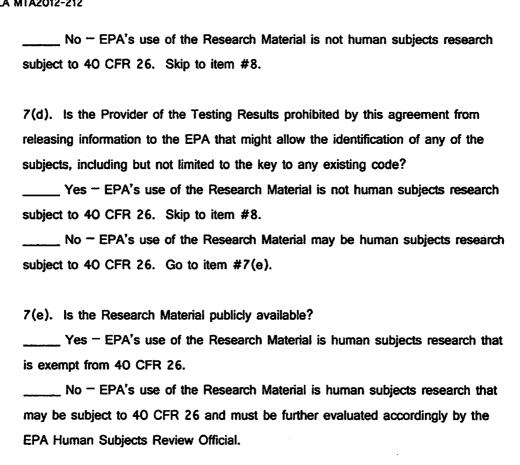
termination of the agreement, Recipient agrees to treat as confidential, any of EPA's written information about this Research Material that is stamped "CONFIDENTIAL." The foregoing shall not apply to information that is or becomes publicly available, which is disclosed to Recipient without a confidentiality obligation, is already known by the Recipient or rightfully in Recipient's possession prior to EPA's disclosure as shown by written records, is independently developed by Recipient's personnel who did not rely or did not have access to such information, or is required to be disclosed by law. Any oral disclosures from EPA to Recipient which EPA wishes to be treated as confidential shall be identified as being Confidential at the time of the disclosure and by written notice delivered to Recipient within thirty (30) days after the date of the oral disclosure. Recipient may publish or otherwise publicly disclose the results of the Research Project, but if EPA has given Confidential information to Recipient, such public disclosure may be made only after EPA has had thirty (30) days to review the proposed disclosure to determine if it includes any Confidential information, except when the shortened time period is pursuant to a court order or to the extent such review period is permitted by law.

6. The Recipient will provide to the EPA results obtained from the Research Project, hereinafter referred to as ("Testing Results"), obtained by the Recipient using the Research Material. EPA acknowledges that Recipient owns all Testing Results and EPA will furnish Recipient with a copy of any proposed written or oral publication (including manuscripts, abstracts, and oral presentations) for Recipient's comments and review at least thirty (30) days prior to submission for publication or presentation. If upon review, the Recipient determines that proposed written or oral publications contain information deemed to be confidential or proprietary, the Recipient shall notify EPA in writing. Upon receipt of notification, EPA will revise proposed written or oral publication. Recipient acknowledges that EPA will only make such Testing Results freely available to the public

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after the aforementioned review and comment process has been completed and both the Recipient and EPA have mutually agreed on the final content to be published.

7. Are Testing Results being provided back to EPA that includes specimens or data		
derived or co	ved or collected from human subjects? Yes - Go to item #7(a).	
Yes -		
X_No - 8	Skip to item #8.	
7(a).	Do these Testing Results include specimens or data derived or collected	
from 1	etuses, children, pregnant women, or nursing women?	
	_ Yes	
	_ No	
7(b).	Were these Testing Results obtained under a protocol that was reviewed and	
аррго	ved by an Institutional Review Board (IRB) that operated in accordance with	
the re	equirements of EPA Regulation 40 CFR 26, HHS Regulation 45 CFR 46, or	
any o	ther Federal Regulation for the protection of human research subjects?	
	Yes (Please indicate the applicable Regulation here and provide copies of	
the pr	rotocol and IRB approval documents.)	
	No (Please provide explanation with documentary support as appropriate.)	
7(c).	Can the Provider of the Testing Results identify the subjects directly or	
throug	th identifiers (codes) linked to the subjects?	
	Yes - EPA's use of the Research Material may be human subjects research	
subjec	ct to 40 CFR 26. Go to item #7(d).	



8. This Research Material represents a significant investment on the part of EPA and is considered proprietary to EPA. Recipient therefore agrees to retain control over this Research Material and further agrees not to transfer the Research Material to other people not under the Recipient's Investigator's direct supervision without advance written approval of EPA. EPA reserves the right to distribute the Research Material to others and to use it for its own purposes. At such time as the Research Project has been completed, the EPA will provide guidance to the Recipient to either return or dispose of the Research Material.

- 9. This Research Material is provided as a service to the research community. It is being supplied to Recipient with no warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. EPA makes no representations that the use of the Research Material will not infringe any patent or proprietary rights of third parties.
- 10. Recipient shall retain title to any patent or other intellectual property rights in inventions made by its employees in the course of the Research Project. However, if said inventions contain any portion of the Research Material, are unmodified derivatives from the Research Material, or could not have been produced but for the use of the Research Material, Recipient agrees to contact the EPA to determine what ownership interests, if any, the EPA may have, and, where applicable, to negotiate in good faith the terms of a commercial license. Inventorship for a patent application or a commercialized product based on said inventions shall be determined according to United States patent law.
- 11. Recipient agrees not to claim, infer, or imply endorsement by the Government of the United States of America (hereinafter referred to as "Government") of the Research Project, the institution or personnel conducting the Research Project or any resulting product(s). Recipient agrees to be responsible for all liabilities, demands, damages, expenses and losses arising out of Recipient's use of the Research Material in the Research Project.
- 12. When EPA receives Testing Results in accordance with Section 3 and 7, from the RECIPIENT, the RECIPIENT will not be liable to EPA for any claims or damages arising from EPA's use of the Testing Results. RECIPIENT PROVIDES THE TESTING RESULTS

WITH NO REPRESENTATIONS AND EXTENDS NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE USE OF THE TESTING RESULTS WILL NOT INFRINGE ANY PATENT, COPYRIGHT, TRADEMARK, OR OTHER PROPRIETARY RIGHTS.

- 13. This Agreement shall begin on the date of its execution and continue for twelve (12) months thereafter. An amendment to extend this Agreement may be executed by authorized signatories of both parties. Either party may terminate upon thirty (30) days notice. The EPA shall have the right to terminate this Agreement at any time if Recipient breaches any of the terms of this Agreement. Upon any termination, Recipient shall return to the EPA all unused portions of the Research Materials upon written request of the EPA. Recipient may retain one copy of the Confidential Information solely for the purpose of monitoring its obligations under this Agreement.
- 14. All notices pertaining to or required by this Agreement shall be in writing and shall be signed by an authorized representative and shall be sent by mail or commercial courier addressed as follows:

## **EPA's Contact Information**

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# Recipient's Contact Information

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