

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE OHIO STATE UNIVERSITY, COLUMBUS, OHIO, USA
AND
FEDERAL UNIVERSITY OF PARAÍBA, JOÃO PESSOA , BRAZIL**

In accordance with a mutual desire to promote further cooperation between the Federal University of Paraíba, Paraíba, Brazil, and The Ohio State University on behalf of its Global One Health initiative (GOHi), Columbus, Ohio, USA, the mentioned institutions have found it mutually beneficial to initiate a series of cooperative activities that may include:

- a. Exchange of faculty, scholars, and students for lecturing, advanced studies and research (Student exchanges shall require separate written agreements between the parties.)
- b. Research collaboration;
- c. Establishment of joint degree or certification programs;
- d. Exchange of theses, teaching materials, and other scientific and technological literature; and
- e. Conduct of joint workshops, symposia, etc. on topics of mutual interest as per supplemental letters of agreement.

It is understood that the details of joint activities, conditions for utilization of the results achieved, and arrangements for specific visits, exchanges, and all other forms of cooperation will be negotiated for each specific case through separate written agreements. It is also understood that any financial arrangements will be negotiated in each specific case and will depend upon the availability of funds.

Each party agrees to seek financial resources for supporting such exchanges and collaboration. Each party reserves the right to publish the results of this collaboration. Before submission for publication, however, each party shall notify the other of its intention to publish, and shall submit the manuscript, to the other party for review and comment. The reviewing party shall have thirty (30) days from receipt of the manuscript to present any written comments to the other party. The reviewing party's comments shall be given due consideration by the other party. The publication of the results may be delayed at the reviewing party's written request for a period not to exceed ninety (90) days if it contains a disclosure of an invention(s) on which either party desires to file a United States or foreign patent. It is understood that in no case can this provision for delay of publication cause a delay in the normal academic progress of a graduate student of either party with respect to preparation and submission of a graduate thesis or dissertation. Any ownership of inventions will be determined pursuant to applicable patent laws.

The parties understand that activities conducted pursuant to this agreement may be subject to export control laws and regulations controlling the transfer of technical information or items out of Brazil or the United States. The transfer of certain technical information or items may require a license from the Brazilian or United States Government. All activities must comply with all applicable export control laws and regulations. The parties understand that activities conducted pursuant to this agreement may not permit the export or re-export of any information or item when to do so would constitute a violation of those laws of regulations.

This agreement may be amended only if the two parties have agreed to any such change in writing and have executed the amendment clause(s).

This agreement will be in force for a period of five (5) years from the latest date appearing below. It may be renewed for additional periods of five years if both institutions, acting independently, agree in writing to renew it at least six (6) months before it expires.

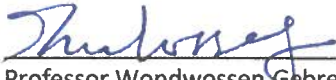
The liaison offices for this agreement are:

The Ohio State University	Universidade Federal da Paraíba
Global One Health initiative The Ohio State University 1920 Coffey Road, Columbus, Ohio 43210 Tel: 614-292-4058 Fax: 614-292-4142 E-mail: oppenheim.17@osu.edu	International Relations Office Universidade Federal da Paraíba Prédio da Reitoria – 3º Andar Castelo Branco – 58.051-900 João Pessoa, PB, Brasil Tel: +55 83 3216 7200 Fax: +55 83 3216 7156 E-mail: assint.iars@reitoria.ufpb.br

Signed and executed by both partner institutions as follows:

The Ohio State University

Universidade Federal da Paraíba




 Professor Wondwossen Gebreyes Date
 Executive Director, Global One Health initiative
 The Ohio State University

 Prof. Dr. Isac Medeiros Date
 Pro-Rector
 Universidade Federal da Paraíba


4/18/18

 Michael Papadakis Date
 Interim Senior Vice President of
 Business and Finance and CFO
 The Ohio State University