

APPLICANT ORGANIZATION INFORMATION

The Institute of Human Virology, Nigeria (IHVN)

Background

The Institute of Human Virology- Nigeria (IHVN) is a non-governmental and not-for-profit organization registered and established in Nigeria in 2004 to implement the scale-up of the President's Emergency Plan for AIDS Relief (PEPFAR) and conduct research, training and capacity building to promote the strengthening of the health care system and research infrastructure in Nigeria. IHVN is an affiliate of the University of Maryland Institute of Human Virology, and in partnership with University of Maryland (UMD), has been involved in clinical implementation, research and capacity building in Nigeria in the areas of HIV/AIDS, Tuberculosis, Cancer and Malaria.

IHVN is a beneficiary of the President's Emergency Fund for AIDS Relief (PEPFAR) through which treatment, care and support is provided for PLWHIV in over 120 treatment facilities in Nigeria. These funds have equipped the organization with substantial clinical and laboratory infrastructure. Other sources of funding are from various research and training grants from the National Institutes of Health in the United States, The Wellcome Trust in the United Kingdom and other charitable organizations including the Doris Duke Foundation and Grand Challenges Canada. The organization currently employs over 536 staff ranging from scientists, clinicians, laboratory scientists, and nurses to other allied health professions and administrative staff. Over the past decade, IHVN has emerged as a highly respected free standing indigenous organization and one of the largest PEPFAR treatment partners in Nigeria.

IHVN Head office in Abuja, Nigeria

IHVN head office is strategically located in the capital city of Abuja, Nigeria and provides leadership and central support for 5 regional offices located across the country and headed by regional managers who directly supervise staff at the regions, outside the central office. The Organization is made up two main arms, the Center for Public Health Implementation (CPHI) which implements Its public health PEPFAR program, ACHIEVE, and the International Research Center of Excellence (IRCE). The organization still enjoys a close relationship with the Institute of Human Virology and Faculty at the University of Maryland Baltimore who often serve as consultants and technical advisors on program and research projects. IHVN has the following technical departments under CPHI (1) Prevention Care and Treatment (2) Laboratory Services (3) Learning and Development which consists of 3 units namely: Training, Health Systems Strengthening and Quality Improvement (4) Strategic Information. Other departments include Finance and Administration, Grants Management and Procurement. IHVN therefore has the administrative capacity to support the grant, if it were funded.

International Research Center of Excellence (IRCE)

For the future and sustainability of IHVN, IRCE was created; and IRCE's goal is to create an enabling environment for creative thinking and innovation in science to address Nigeria's and global health priorities through the following objectives: (I) To provide a common world class platform for the implementation of research and clinical trials at international standards as part of global networks. (II) To foster collaborations and synergism between Nigeria's finest researchers and their counterparts at international research institutions and universities (III) To provide a safety net that protects IHVN and its collaborators from liability by proactively ensuring that research conducted at IHVN is under the highest scientific and ethical standards (IV) To provide opportunities for young Nigerian researchers to develop and execute research projects being mentored by more experienced investigators at IHVN, Nigerian Universities, and international research institutions and universities. Through collaboration with Universities in the north such as the UMB and its Nigerian diaspora; staff at IHVN have participated in research activities funded by prominent international research sponsors including the National Institutes of Health (NIH), the US Centers for Disease Control and Prevention (CDC), the World Health Organization (WHO), Global Fund for AIDS, TB and Malaria (Global Fund), Canadian Institutes of Health Research, Canadian Health Research Initiative, and the European and Developing Countries Clinical Trials Partnership (EDCTP). IRCE is currently coordinated by Dr. Elima Jedy-Agba, who is the principal investigator on this application.

IRCE Clinical Trials Unit

The IRCE clinical trials unit (CTU) was set up in 2017 to support multi-country clinical and vaccine trials as part of global networks. There are 2 trials sites with the infrastructure and personnel to support clinical trials at IRCE (i) The PLASVIREC trial site in Jos, Nigeria and (ii) The Abuja clinical trial site at the IHVN head office. The Abuja trial site comprises of facilities that include rooms for counselling, consultation, vaccine administration/recovery and an emergency room. Staff of the CTU include: 3 full time clinical research physicians/coordinators, 6 clinical research nurses, 1 quality assurance and control manager, 2 research assistants, 1 pharmacist, 1 data manager, 1 coordinator of community based support groups and 1 administrative assistant. The CTU receives support from other units in IHVN to support its research and training agenda.

Learning and Development (Training Unit)

The training unit is one of three independent units within the department of Learning and Development, others being health systems strengthening and continuous quality improvement. Training infrastructure at IHVN includes two large training rooms (each of which seats 40 people) equipped with state of the art audiovisual equipment and a video linkage to projectors. There is also a data center with 28 desktop computers for training and capacity building, 2 large conference rooms (each of which seats 15-20

people) and 3 smaller rooms that sit 8-10 people. At the IHVN head office in Abuja, the training rooms have videoconferencing facilities among other facilities. Trainings at IRCE are often didactic, web-based and collaborative with local and international resource persons who deliver lectures using video conferencing software including Zoom, Webex and Skype. There is also high speed internet available for trainings and an IT department that offers technical support and helpdesk services.

IHVN Leadership

IHVN Chief Executive Officer (CEO) and Chief Operations Officer (COO)

Chief Executive Officer: The chief executive officer of the organization, Dr. Patrick Dakum provides strategic leadership and guidance to the organization. The executive directors of the core departments at IHVN which include the office of clinical and community programs, office of laboratory operations and the office of strategic information, research and training report directly to him.

Chief Operations Officer: Mr. Charles Mensah is the chief operations officer (COO) of the organization and he oversees the day-to-day operations of the organization and directs the affairs of the finance, administration, supply chain management and grants management departments.

IHVN Key Officers

Executive Director, International Research Center of Excellence- Prof. Alashl'e Abimiku

Director, Clinical Laboratory Services- Dr. Sam Peters

Director, Laboratory Research Services- Dr. Nicaise Ndembi

Director, Administration- Mr. Fredrick Hayes

Director, Finance- Mr. Olateju Debo

Director, Strategic Information- Dr. Ahmad Aliyu

Associate Director, Training- Dr. Sunny Philips

Associate Director, Global Fund Programs- Dr. Ronke Agbaje

IHVN Board of Directors

Prof. Emeritus Umaru Shehu, CFR- Chair, Board of Directors

Barrister Kanu Agabi, SAN, CON

Dr. Patrick MateMiola

Prof. Aba Omotunde Sagoe

Prof. William Blattner

Dr. Patrick Dakum- CEO, IHVN

Mr. Charles Mensah- COO, IHVN

List of Selected Current and Prior Research Grants

	Grant	Grantor	Total Amount	Principal Investigator	Begin Year	End Year	Status
1	African Collaborative Center for Microbiome and Genomics Research (ACCME)	National Institutes of Health	Total direct cost - \$5,319,745 Annual direct cost- \$1,063,949	Prof. Clement Adebamowo	19-Sept-2013	31-July-2017	Completed
2	H3 Africa bio-repository Initiative	National Institutes of Health	Total direct cost- \$811,3177 Annual direct cost- \$270,439	Prof. Alashle Abimiku	15-Aug. 2012	31-Jul-2015	Active/Ongoing (Extended)
3	HIV Vaccine Research and HIV Care & Treatment Program	International Development Research Centre (IDRC)	Total direct cost- \$1,319,648 Annual direct cost- \$329,912	Prof. Clement Adebamowo	30-Sep-2010	29-Sep-2014	Completed
4	Innate, Adaptive and Mucosal Immune Responses in Infants: A Human Model to Understand Correlates of Immune Protection - INFANT STUDY	Canadian Institutes of Health Research (CIHR) and McMaster University	Total direct cost: \$751,043 Annual direct cost: \$202,985	Prof. Alashle Abimiku	01-Sep-2012	30-Mar-2016	Completed
5	Burden, Spectrum and Aetiology of Type 2 Diabetes in sub-Saharan Africa	Wellcome Trust/ University Of Ghana	Total direct cost: \$511,853 Annual direct cost: \$127,963	Dr. William Blattner	01-Apr-2012	30-Mar-2016	Completed
6	African Female Breast Cancer Epidemiology (AFBRECANE) Research Study	National Institutes of Health	Total direct cost: \$1,217,854.00	Prof. Clement Adebamowo	05- Sept 2017	30- June 2022	Ongoing

List of 5 Current/Prior Pertinent Activities Demonstrating Tangible Outcomes

1. *Peer-reviewed Publications*

- I. **Adebamowo** SN, Dareng EO, Famooto AO, Offiong R, Olaniyan O, Obende K, Adebayo A, Ologun S, Alabi B, Achara P, Bakare RA, Odutola M, Olawande O, Okuma J, Odonye G,

Adebisi R, Dakum P, **Adebamowo** CA; ACCME Research Group as part of the H3Africa Consortium. **Cohort Profile: African Collaborative Center for Microbiome and Genomics Research's (ACCME) Human Papillomavirus (HPV) and Cervical Cancer Study**. Int J Epidemiol. 2017 Apr 13. doi: 10.1093/ije/dyx050. [Epub ahead of print] No abstract available. PMID: 28419249

- II. **Sam-Agudu** NA, Isah C, Fan-Osuala C, Ereka S, Ramadhani HO, Anaba U, Adeyemi OA, Manji-Obadiah G, Lee D, Cornelius LJ, Charurat M. **Correlates of facility delivery for rural HIV-positive pregnant women enrolled in the MoMent Nigeria prospective cohort study**. BMC Pregnancy Childbirth. 2017 Jul 14;17(1):227. doi: 10.1186/s12884-017-1417-2.
- III. **Elima Jedy-Agba**, Maria Paula Curado, Olufemi Ogunbiyi, Emmanuel Oga Toyin Fabowale, Festus Igbinoba, Gloria Osubor, Theresa Otu, Henry Kumai, Alice Koechlin, Patience Osinubi, William Blattner and Clement A. Adebamowo, **Cancer Incidence in Nigeria: A report from population-based cancer registries**. Cancer Epidemiol. 2012 Oct;36(5):e271-8. doi: 10.1016/j.canep.2012.04.007. Epub 2012 May 22. PMID: 22621842

2. *Books and Book Chapters*

Elima Jedy-Agba, Michael Odutola, Emmanuel Oga and Clement Adebamowo (2016) **Cancer in Nigeria 2009-2013** Edited Book Available online

https://nigeriancancerregistries.net/Cancer_in_Nigeria_2009-2013.pdf Published in Nigeria by the Nigerian National System of Cancer Registries.

Akarolo-Anthony S, Ogundiran T, **Jedy-Agba E**, Adebamowo CA; **Global Epidemiology and Temporal Trends: Africa**. World Breast Cancer Report 2012 Chapter 7 Pages 69-77

Akarolo-Anthony S, Ezeome E, **Jedy-Agba E**, Ogundiran T, Adebamowo CA; **Breast Cancer Surgery in Low Resource Settings**. World Breast Cancer Report 2012 Chapter 41 Pages 425-432

3. *Trainings*

1. **IHVN/FOGARTY/Sub-Saharan Africa Lymphoma Consortium (SSALC) Funded training:**
A training for Physicians in Nigeria on Cancer Detection and Diagnostics of AIDS associated cancers in June 2010
2. **IHVN/Institute of Human Virology University of Maryland:** A training on the Principles and Practice of Clinical Trials with facilitators from IHVN and external resource persons from the Institute of Human Virology, University of Maryland, Baltimore, USA in July 2011.
3. **IHVN Training:** Scientific Manuscript Writing in 2014 and in July 2017
4. **IHVN Training:** Good clinical practice and ethics in medical research in 2015, 2016 and 2017