



AFRICAN VIROLOGY CONFERENCE 2024

25-27 November 2024 | Abuja, Nigeria

Theme:
Trends in Emerging and Re-Emerging Viruses

Venue:
Exclusive Serene Hotel, Abuja, Nigeria

<http://africanvirologistsnetwork.org/avc-2024/>

AVC 2024

Day 1, November 25, 2024

08:00 - 08:30	Registration and Opening Ceremony
08:30 - 08:55	Welcome Address: The Chairperson AVC 2024 Organizing Committee, Prof. Maryam Aminu
08:55 - 09:05	Opening Remarks: Honorable Minister of Health and Social Welfare, Prof. Ali Pate
09:05 - 09:15	Goodwill Message: Dr. Jide Idris <i>Director General NCDC</i>
09:15 - 09:25	Goodwill Message: Dr. Walter Kazadi Mulombo, <i>WHO Country Representative</i>
09:25 - 09:30	Goodwill Message: Prof. Abdulrazak Shaukat, <i>Director of Technical Cooperation Division for Africa, International Atomic Energy Agency, Vienna, Austria</i>

Keynote Lecture

09:30 - 09:55	Title: HIV Cure Research: State of the Science and the Need to Include African Patients and Scientists Prof. George Kyei <i>Associate Professor of Medicine, Noguchi Memorial Institute for Medical Research, University of Ghana</i> <i>Director of Research University of Ghana Medical Centre,</i> <i>Associate Professor Washington University St. Louis USA</i>
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09:55 - 10:05 Photograph Session and Coffee Break

Plenary Talk 1

10:05 - 10:20	Title: Understanding the Emergence and Reemergence of Viruses of Concern in Africa for Local Epidemic and Global Pandemic Preparedness Prof. Maritjie Venter, <i>University of Witwatersrand, South Africa</i>
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10:20 - 12:15 Oral Presentations

Session 1: Medical Virology, Epidemiology, Emerging Viruses, and Pandemic Response

Chairpersons: Prof. Theophilus Adiku and Dr. Gilbert Chofong

10:20-10:35	Title: Serological and Molecular Detection of Human Cytomegalovirus from HIV Positive Individuals Attending Antiretroviral Therapy Centers in Kaduna Metropolis, Kaduna State, Nigeria Firdausi Abubakar, <i>Ahmadu Bello University, Zaria, Nigeria</i>
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- 10:35-10:50 **Title: Prevalence of Human Papillomavirus and its association with the risk of cervical cancer among HIV-positive women in Plateau state, Nigeria**
Abubakar Ajang Yakubu, *University of Jos, Nigeria*
- 10:50-11:05 **Title: Climate-Driven Nutritional Changes and Their Impact on the Emergence of Zika Virus Variants**
Olukunle Oluwasemowo, *Lawrence Livermore National Laboratory, CA, USA*
- 11:05-11:20 **Title: Seroprevalence and Molecular Detection of Severe Acute Respiratory Syndrome Coronavirus 2 among Children attending Selected Primary Health Care Centers in Zaria Metropolis Kaduna State, Nigeria**
Elijah Ekah Ella, *Ahmadu Bello University, Zaria, Nigeria*
- 11:20-11:35 **Title: Detection of Circulating Genotypes and Subtypes of Hepatitis C Virus among Blood Donors Attending Selected Hospitals in Kaduna State, Nigeria**
Aisha Usman, *Federal University of Technology, Minna, Nigeria*

Plenary Talk 2

- 11:35 - 12:00 **Title: Viruses, "Mysterious Deaths," and the Medical-Political Nexus: A Critical Analysis of Nigeria's Response**
Prof. Abdusalami Nasidi, *Reach Care Foundation, Nigeria*

12:00-13:00 Poster Number Poster Session 1

- 1 **Title: The virology, Re-emergence of COVID-19 and the Resurgence of Ebola**
Ighodaro Edwin Aigbogun, *Ministry of Health, Edo State, Nigeria*
- 2 **Title: Evidence of Zika Virus Co-existence in suspected febrile malaria and Typhoid fever Patients attending Health care Facilities in Benin City, Nigeria**
Joy Zitgwai Saidu, *University of Benin, Nigeria*
- 3 **Title: Addressing the Dengue fever challenges in Nigeria: A narrative review and recommendations for control**
Ibrahim Idris, *Usmanu Danfodiyo University, Sokoto, Nigeria*
- 4 **Title: Prevalence of HIV, HBV, and HCV among people living with Tuberculosis in Iwo, southwest Nigeria**
Emmanuel Abiodun Oyinloye, *University of Ibadan, Nigeria*
- 5 **Title: Serological Evidence of Hepatitis C virus infection and associated Risk factors among Incarcerated Adults in North Central Nigeria**
Ali Murna Ahmed, *University of Jos, Nigeria*
- 6 **Title: Prevalence of Hepatitis B virus among healthcare workers in Jos Nigeria**
Yusuf Amuda Agabi, *University of Jos, Nigeria*

- 7 **Title: Identification and Characterization of SARS-COV-2 among Healthcare Workers in selected Health Facilities in Ghana**
Vanessa Magnusan, Noguchi Memorial Institute for Medical Research, Ghana
- 8 **Title: Comparison of two sensitive poliovirus detection methods: Nested PCR and Nanopore sequencing versus cell culture**
Mercy Akinyi, Kenya Medical Research Institute, Kenya
- 9 **Title: Porcine Parvoviruses in Pigs in the Eastern Cape, South Africa**
Lawrence Obi, Sefako Magkatho Health Sciences University, Pretoria, South Africa
- 10 **Title: Latent reservoir size in virological suppressed people living with HIV is associated with years since HIV diagnosis**
Dzidzor Aku Attoh, Noguchi Memorial Institute for Medical Research, Ghana
- 11 **Title: Seroprevalence of Rubella virus antibodies IgG and IgM among pregnant women attending antenatal care in Government district hospital Enugu**
Chukwubuikem Chinenye Ngozi, University of Nigeria Teaching Hospital Enugu, Nigeria
- 12 **Title: Seroprevalence and molecular detection of human monkeypox virus among febrile patients attending selected hospitals in Zaria Kaduna State, Nigeria**
Omosayin Deborah Omolara, Ahmadu Bello University, Zaria, Nigeria
- 13 **Title: Respiratory Viruses and Bacteria Carriage among People Living with Human Immunodeficiency Virus (PLHIV) in Accra, Ghana**
Lawrencia Ami Emefa Ativi, Noguchi Memorial Institute for Medical Research, Ghana
- 14 **Title: Comparative Analysis on Hepatitis B Virus, Typhoid and Malaria Infections in Okigwe and Udo-Mbaise of Imo State, Nigeria**
Christian Chukwuemeka Ike, University of Agriculture and Environmental Sciences, Imo State, Nigeria
- 15 **Title: Co-infection profile of Enterovirus among Hepatitis A, B and C positive individuals within internally displaced person camps in Abuja, Nigeria**
Aliyu Aishatu Mohammed, Kaduna State University, Nigeria
- 16 **Title: Post-Lockdown Detection of SARS-CoV-2 Antibodies and Malaria Parasites Among Febrile Students at a University Medical Center in Zaria, Nigeria**
Aderonke Omole, Ahmadu Bello University Zaria, Nigeria
- 17 **Title: Seroprevalence and Risk Factors for Rubella Infection among Pregnant Women Attending Antenatal Care Unit of Wudil General Hospital in Kano-Nigeria**
Aliyu Sani Ado, Aliko Dangote University of Science and Technology, Wudil Kano, Nigeria

18 **Title: Perception of Mpox as a zoonotic disease in Imo state: Implications for public health interventions**
Mbanu Gloria E, *University of Agriculture and Environmental Sciences Umuagwo Imo State, Nigeria*

19 **Title: Semi-Quantitative Analysis and Seroepidemiological Evidence of Past Dengue Virus Infection among HIV-infected patients in Onitsha, Anambra State, Nigeria**
David Nwachukwu, *University of Port Harcourt, Nigeria*

20 **Title: SARS-CoV-2 Antibody Profiles In COVID-19 Vaccinated and Unvaccinated People Living With HIV in Ghana**
Yeena Tay, *Noguchi Memorial Institute for Medical Research, Ghana*

13:00- 14:00

Lunch Break/Poster Viewing

Plenary Talk 3

14:00-14:25

Title: Emerging and re-emerging viral diseases: Is Africa prepared for the next pandemic?

Prof. Sunday Omilabu, *University of Lagos, Nigeria*

14:25-14:35

Oral Presentations

Session 2: One Health: Viral Zoonoses, Vector-borne Infections, and Ecological Studies

Chairpersons: Prof. Joseph Anebi-Okopi and Dr. Nigel Aminake Makaoh

14:25-14:40

Title: Evolutionary patterns of the western African zika virus using recent strains

Idrissa Dieng, *Institut Pasteur de Dakar, Senegal*

14:40-14:55

Title: Whole Genome Sequencing Unravels Cryptic Circulation of Divergent Dengue Virus Lineages in the Rainforest Region of Nigeria

Bernard Onoja, *University of Ibadan, Nigeria*

14:55-15:10

Title: First molecular detection and characterisation of Rift Valley fever virus in humans, domestic ruminants and arthropod vectors in Nigeria

Arthur Obinna Oragwa, *University of Jos, Nigeria*

15:10-15:25

Title: Heterogenicity of Dengue Virus Serotype/Genotype in Ethiopian Outbreaks

Andargachew Mulu, *Armauer Hansen Research Institute, Ethiopia*

15:30-15:50

Coffee Break

16:10-17:00

Round Table Discussion on Mpox and Strategies for Continental Preparedness and Response

WHO, Partners, Researchers

17:00-18:05

Oral Presentations

Session 3: Viral Evolution, Genomics and Adaptation

Chairpersons: **Dr. Akyala Ishaku** and **Dr. Emmanuel Myimaorga Abo**

17:00 - 17:15

Title: Genetic diversity of dengue virus serotypes circulating among Aedes mosquitoes in selected regions of north-eastern Nigeria

Ibrahim Isa, *Ahmadu Bello University, Zaria, Nigeria*

17:15 - 17:30

Title: Molecular detection of Hepatitis D virus among Hepatitis B virus positive patients presenting in virology Department, UCH Ibadan, Nigeria

Waleola Rachael Odususi, *University of Ibadan, Nigeria*

17:30 - 17:35

Title: Congenital Cytomegalovirus Infection and Pregnancy Outcomes

Rukayya Ado Bello, *Capital City University, Kano, Nigeria*

17:35 - 17:50

Title: First Detection of the North American Zika Virus Strain in Northwestern Nigeria

Rebecca Bitiyong Atai, *Ahmadu Bello University, Zaria, Nigeria*

17:50 - 18:05

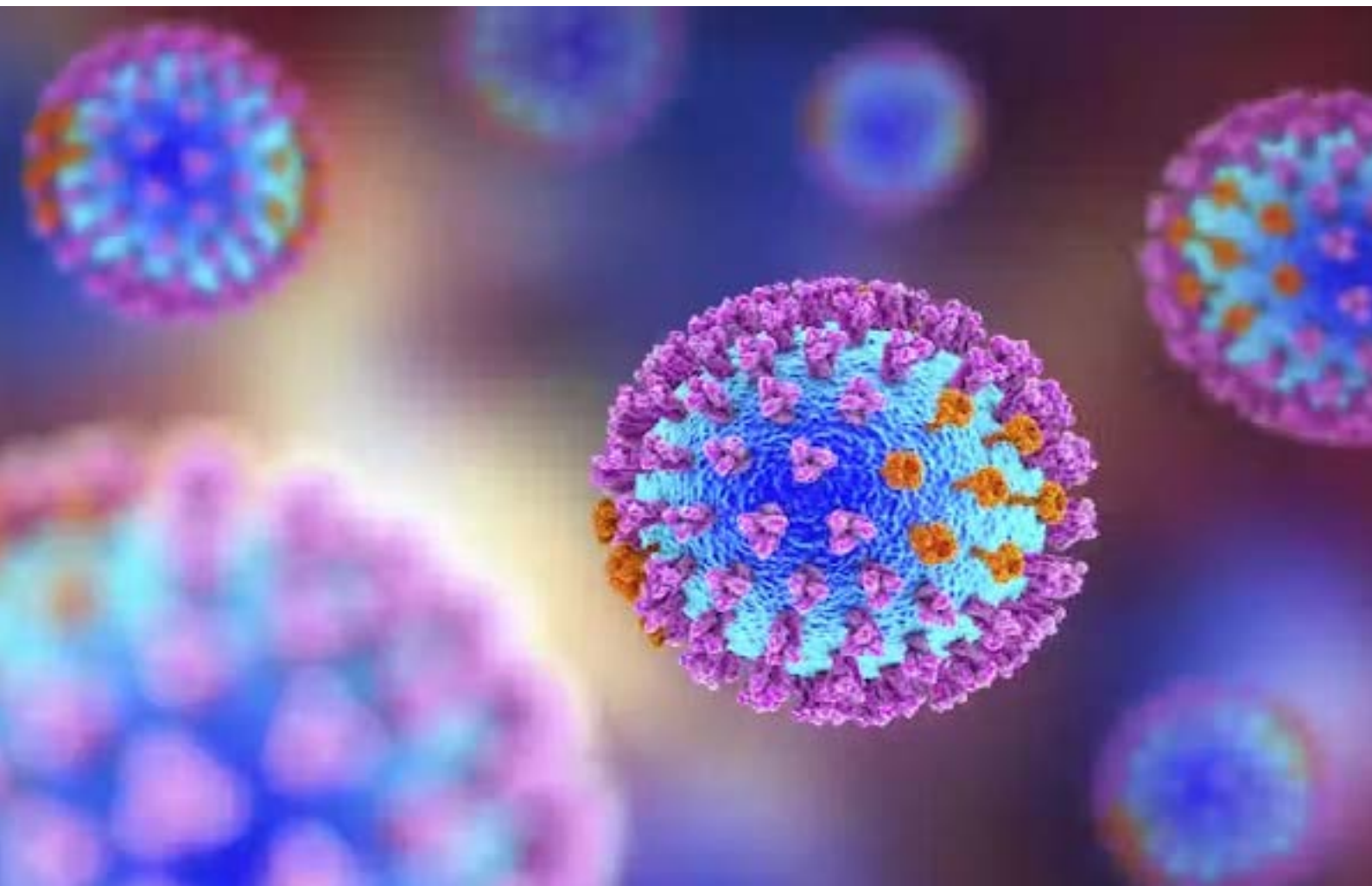
Title: Epidemiological Surveillance of Respiratory Viruses in Suspected Cases of COVID-19 in Lagos State, Nigeria

Olumuyiwa Babalola Salu, *University of Lagos, Nigeria*

18:05-19:00

Virtual Room Hangout

***** End of Day 1 *****



Day 2, November 26, 2024

08:00-08:30 Registration

Plenary Talk 4

08:30 - 08:55

Title: Advancements in Diagnostic Virology; Integrating Innovations for Early Cancer Detection and Management in Nigeria

Prof. Usman Malami Aliyu, *DG National Institute for Cancer Research and Treatment Abuja, Nigeria*

08:55-11:05

Oral Presentations

Session 4: Diagnostic Virology, Innovations in Diagnostics, Vaccines, and Therapeutics

Chairpersons: Dr. Sebastine Arthur and Dr. Aliyu Aishatu Mohammed

08:55-09:10

Title: Pioneering Antiviral Innovations: Harnessing Virus-Host Interactions to Develop Novel Inhibitors against Encephalitic Alphaviruses

Abdullahi Jamiu, *Virginia Tech USA*

09:10-09:25

Title: Three novel epigenetic-modifying compounds identified as HIV latency-reversing agents in Ghana

Christopher Zaab-Yen Abana, *Noguchi Memorial Institute for Medical Research, Ghana*

09:25-09:40

Title: The Good Virus: Combating Antimicrobial Resistance with Salmonella bacteriophages in Focus

Christiana Cudjoe Dapuliga, *University of KwaZulu-Natal, South Africa*

09:40-09:55

Coffee Break

09:55-10:10

Title: Cytokines, phytochemical screening and in-vitro antiviral activities of Artemisia afra & Artemisia annua extracts against SARS-COV2

Michael Olubusayo Binuyo, *University of Rwanda, Kigali, Rwanda*

10:10-10:25

Title: In-Ovo Antiviral Activity of Hibiscus sabdariffa against Newcastle Disease Virus

Abdulazeez Mumsiri Abaka, *Adamawa State Polytechnic Yola, Nigeria*

10:25-10:40

Title: In-silico and In-vitro investigation of the molecular mechanisms of antiviral compounds for potentially inhibiting Dengue Virus NS2B-NS3 protease

Hassan Kotey, *University for Development Studies, Ghana*

10:40-10:55

Title: Human Immunodeficiency Virus type-1 subtype diversity and drug resistance patterns in Greater Accra Region of Ghana

John Atanniba, *Noguchi Memorial Institute for Medical Research, Ghana*

Oral Presentations

Session 5: Virus Evolution, Epidemiology & Immunology

Chairpersons: Prof. Kofi Bonney and Dr. Sikiru Badaru

- 11:05-11:20 **Title: Differential type I IFN responses to coronavirus OC43 in cell lines and the impact of temperature**
Tukur Baba Abdullahi, *Modibbo Adama University Yola Nigeria & University of Essex, United Kingdom*
- 11:20-11:35 **Title: Cytokine response in Hepatitis E virus infected pregnant women in Kano Metropolis**
Aisha Shehu Aliyu, *Bayero University Kano, Nigeria*
- 11:35-11:50 **Title: Differential Expression Of Immune Markers In Virologically Suppressed People Living With HIV And Latent TB Co-Infection Patients On Antiretroviral Therapy**
Jonathan Klutse, *Noguchi Memorial Institute for Medical Research, Ghana*
- 11:50-12:05 **Title: Haematological Indices and Inflammatory Biomarkers (IL-6, 18, C-reactive protein & Homocysteine) in COVID-19 and their Diagnostic Roles: Our Experience during the First Wave of SARS-COV-2 Infection in Kano, Nigeria**
Auwal Idris Kabuga, *Bayero University Kano, Nigeria*
- 12:05-12:20 **Title: Molecular Detection of Mpox Virus in Ghana: May 2022 to August 2024**
Nancy Enimil, *Noguchi Memorial Institute for Medical Research, Ghana*

12:20 -13:20

Lunch

Plenary Talk 5

- 13:20-13:45 **Title: The Role of Mentorship in Strengthening Research Capacity in Virology**
Prof. Georgina Odaibo, *University of Ibadan, Nigeria*

Plenary Talk 6

- 13:45 - 14:15 **Title: Wastewater Surveillance and Diarrhoea Pathogens Epidemiology in Nigeria: The Nexus in Pandemic Planning**
Prof. Matthew Kolawole, *University of Ilorin, Nigeria*

14:15 - 14:50

Poster
Number

Poster Session 2

- 21 **Title: Seroprevalence of SARS CoV-2 among people in Ibadan, Oyo State from 2020 to 2021 and 2023 to 2024**
Yetunde Aminat Akinwale, *Department of Virology, University of Ibadan, Nigeria*

- 22 **Title: Postpandemic: COVID-19 Detection Among Public Secondary School Students in Ilorin Metropolis, Kwara state, Nigeria**
Abubakar Muhammad Kola, *University of Ilorin, Nigeria*
- 23 **Title: The Impact of Highly Active Antiretroviral Therapy (HAART) on HIV Disease Progression in HIV-Infected Patients Attending General Hospital Kaura Namoda, Zamfara State**
Christopher Rwang Pam, *University of Ibadan, Nigeria*
- 24 **Title: Evaluation of Vimentin as a marker of cervical carcinogenesis in women with cervical pathology infected with HPV and *Chlamydia trachomatis***
Sheba Joseph Magaji, *Ahmadu Bello University Zaria, Nigeria*
- 25 **Title: Hepatitis B Virus Infection: The virological distribution and associated genotypes among mother to child transmission in Plateau state, Nigeria**
Tabitha Vem, *University of Jos, Nigeria*
- 26 **Title: Seroprevalence of Measles-Specific IgM and IgG Antibodies Among Children Aged 0-12 Years in Northeast Nigeria**
Umar Abdullahi, *Modibbo Adama University, Yola, Nigeria*
- 27 **Title: Molecular Characterisation of Crimean-Congo Orthonairovirus in Camels and their infesting *Hyalomma* Ticks in Sokoto State**
Akande Damilola Busayo, *University of Ilorin, Nigeria*
- 28 **Title: Comparative Analysis on Hepatitis B Virus, Typhoid and Malaria Infections in Okigwe and Udo-Mbaise of Imo State, Nigeria**
Christian Chukwuemeka Ike, *University of Agriculture and Environmental Sciences, Imo State, Nigeria*
- 29 **Title: Low hesitancy towards COVID-19 vaccines among people living with HIV (PLWH) In Ghana**
Annemarie Sankofi, *University of Ghana*
- 30 **Title: Serological and molecular detection of Avian metapneumovirus in Broiler chicken farms in Kaduna Metropolis, Nigeria**
Bashir Usman Usman, *Ahmadu Bello University, Zaria, Nigeria*
- 31 **Title: Seroprevalence and molecular detection of human monkeypox virus among febrile patients attending selected hospitals in Zaria Kaduna State, Nigeria**
Omosayin Deborah Omolara, *Ahmadu Bello University, Zaria, Nigeria*
- 32 **Title: Cross Sectional Study on the Knowledge, Attitude, and Perception of Healthcare Workers Towards Mpox in Ghana**
Emmanuel Boateng Agyenim, *Noguchi Memorial Institute for Medical Research, Ghana*

- 33 **Title: Detection of HCV and HBV infection among prison inmates and psychiatric in Ebonyi State Metropolis Nigeria**
Euslar Nnenna Onu, Alex -Ekwueme Federal University Ndufu-Alike Ikwo Ebonyi State, Nigeria
- 34 **Title: Emerging Threat: The Epidemiology of Lassa Fever in Ghana and Its Implications for Public Health Preparedness**
Juliana Naa Dedei Acqauh Amaning, Noguchi Memorial Institute for Medical Research, Ghana
- 35 **Title: Systematic Review of Mosquitoes and Associated Viruses Circulating in Nigeria: Implications for Public Health**
Kasim Abdulrahman, Usmanu Danfodiyo University Sokoto Nigeria & Ahmadu Bello University Zaria, Nigeria
- 36 **Title: Prevalence of high-risk human papillomavirus genotypes among apparently healthy women with normal and abnormal cervical cytology in Kaduna State, Nigeria**
Adejo Daniel Stephen, Ahmadu Bello University Zaria, Nigeria
- 37 **Title: Application of Adomian Decomposition Method to Varicella Zoster Virus Model**
Elisha Anebi, Federal University of Health Sciences Otukpo, Nigeria
- 38 **Title: Molecular Detection and Distribution of Potato Virus S and Potato Leaf Roll Virus in Jos Plateau, Nigeria**
Shuaibu Suleiman Kahya, National Root Crops Research Institute Umudike Nigeria & Ahmadu Bello University Zaria, Nigeria
- 39 **Title: Molecular Epidemiology of Dengue Virus Among Pregnant Women in Bayelsa State**
Pureaziba Nelson, Niger Delta University Bayelsa, Nigeria
- 40 **Title: Integration of seroprevalence and artificial intelligence-based analysis for investigating evolution and characterization of chikungunya virus in Ilorin Nigeria**
Oyekunle Omotayo Abdulai, University of Ilorin, Nigeria
- 41 **Title: Prevalence of renal dysfunction among HIV patients co-infected with COVID-19 in University of Ilorin Teaching Hospital, Ilorin, Kwara State, Nigeria**
Blessing Iveren Olusanjo, University of Ilorin, Nigeria

14:50-15:00

Coffee Break

15:00-16:30

Oral Presentations

Session 6: Diagnostic Virology, Innovations in Diagnostics, Vaccines, and Therapeutics

Chairpersons: Prof. Lawrence Obi and Prof. Harry Asmah

- 15:00 - 15:15 **Title: Towards a rapid antigen based diagnostic of Crimean-Congo hemorrhagic fever**
Nigel Aminake Makoah, *University of the Free State, South Africa*
- 15:15 - 15:30 **Title: Development and Preliminary Evaluation of a Recombinant DNA Vaccine Targeting Lassa Virus Strains circulating in Nigeria**
Aminu Abdullah Mainasara, *Usmanu Danfodiyo University, Sokoto, Nigeria*
- 15:30 - 15:45 **Title: Prevalence and molecular detection of hepatitis C virus infection among inmates in Correctional Centers, Northcentral Nigeria**
Joseph Anejo-Okopi, *Federal University of Health Sciences Otukpo, Nigeria*
- 15:45- 16:00 **Title: Tracking the genomic diversities in an emerging lineage of yellow fever virus in Nigeria relative to the 17D vaccine strain**
Joseph Ojonugwa Shaibu, *Nigerian Institute of Medical Research, Nigeria*
- 16:00-16:15 **Title: Upscaling Metagenomics next-generation for viral pathogens detection in respiratory samples of previously unknown aetiology**
Ayodeji Emmanuel Ogunbayo, *University of the Free State, South Africa*
- 16:15 - 16:30 **Title: Virologic Polymorphism of Occult Hepatitis B virus among in Abuja, Nigeria**
Babandina Muhammad Musa, *University of Abuja Teaching Hospital, Nigeria*

16:30-17:55 **Visit to historical sites in Abuja**

19.00 **Conference Dinner**

***** End of Day 2 *****

Day 3, November 27, 2024

08:00-08:30 Registration

Plenary Talk 7

08:30 - 08:55

Title: Lassa fever induced hearing loss

Prof. Paessler Slobodan, *University of Texas Medical Branch, Galveston, USA*

08:55-11:05

Oral Presentations

Session 7: Environment and Wastewater Surveillance & Plant Virology/Viroids

Chairpersons: Prof. Elijah Eka Ella and Dr. Abdulazeez Anjorin

08:55-09:10

Title: Detection and quantification of Pineapple Mealybug Wilt-associated Viruses in Pineapple in Ghana Using RT-qPCR

Joseph Nyarko, *University of Energy and Natural Resource, Ghana*

09:10-09:25

Title: Herbal extracts from Ghana inhibit Human Immunodeficiency Virus replication in vitro

Prince Adom Nartey, *Noguchi Memorial Institute for Medical Research, Nigeria*

09:25-09:40

Title: Enterovirus diversity in wastewater and respiratory samples, in Arizona and Kentucky USA, October 2019 – June 2023; lessons learned

Temitope Oluwasegun Cephas Faleye, *Arizona State University USA*

09:40-09:55

Coffee Break

09:55-10:10

Title: Impact on Host Endogenous Pararetroviruses and Virioids in *Petunia hybrida* using small RNA sequencing

Gilbert Nchongboh Chofong, *Julius Kuehn Institute, Federal Research Centre for Cultivated Plants, Institute for Epidemiology and Pathogen Diagnostics, Germany*

10:10-10:25

Title: Molecular Surveillance of Enteric Viruses in Environmental Wastewater Samples In Lagos State, Nigeria

Olumuyiwa Babalola Salu, *University of Lagos, Nigeria*

10:25-10:40

Title: The Status of Research and Management of Rice Yellow Mottle (RYMV) in Africa

Abo Myimaorga Emmanuel, *National Cereal Research Institute Badeggi, Nigeria*

Oral Presentations

Session 8: Virus Evolution, Epidemiology & Immunology

Chairpersons: Prof. Caleb Kudi and Dr. Evelyn Yayra Bonney

- 11:05-11:20 **Title: Establishing Multiplex Diagnostic Platforms for Acute Febrile Illness Surveillance in Nigeria: Understanding the SAFIAN study**
Adamu Ephraim, RTI international Nigeria
- 11:20-11:35 **Title: The Impact of Hepatitis B Co-infection on T-Cell Responses and Reservoir Size in Virologically Suppressed HIV Patients on Antiretroviral Therapy in Ghana**
Helena Lamptey, Noguchi Memorial Institute for Medical Research, University of Ghana
- 11:35-11:50 **Title: Molecular Characterization of Hepatitis B Virus Among Liver Disease Patients in Tertiary Hospitals in Kano State, Nigeria**
Olatunji Ayodeji Abulude, Ahmadu Bello University Zaria, Nigeria
- 11:50-12:05 **Title: High prevalence of late presentation with advanced HIV disease and its predictors among newly diagnosed patients in Kumasi, Ghana**
Emmanuel Owusu, University of Ghana

12:05 -13:00

Lunch

13:00 -13:25

FLASH ABSTRACTS

Plenary Talk 8

13:25 - 13:50

Title: Human Papillomavirus Genotypic Diversity and Vaccine Strategies in Africa
Prof. Maryam Aminu, Ahmadu Bello University Zaria, Nigeria

Plenary Talk 9

13:50 - 14:15

Title: Viral infections in Healthy and Immunocompromised Women
Prof. Richard Harry Asmah, University of Health and Allied Sciences, Ho, Volta region, Ghana

14:15 - 15:15

Poster Number

Poster Session 3

- 42 **Title: COVID-19 pandemic prevention and control using lemon and lime hand sanitizer**
Ugueri Udochukwu, University of Agriculture and Environmental Sciences Umuagwo, Imo State, Nigeria
- 43 **Title: Prevalence of Dengue Virus Infection and Malaria Parasitemia Among Febrile Patients Attending the University of Jos Health Clinic, Plateau State, Nigeria**
Ramnan Selvyat Katnap, University of Jos, Nigeria
- 44 **Title: Low level viremia in treatment naïve Hepatitis Delta Infected patients in Nigeria**
Ijeoma Maryjoy Ifeorah, University of Nigeria Nsukka, Nigeria

- 45 **Title: Rotavirus strain trends in Nigeria just before rotavirus vaccine introduction: Results from Institute of Child Health UNTH Enugu, Nigeria Rotavirus Surveillance Site 2011 - 2022**
Chukwubike Chinedu Michael, University of Nigeria Teaching Hospital, Enugu, Nigeria
- 46 **Title: Molecular detection and genotyping of measles in the era of resurgence in Nigeria**
Andefiki Ubandoma, Federal University Wukari, Nigeria
- 47 **Title: Seropositivity of anti-cytomegalovirus IgM antibody among women of child-bearing age attending selected hospitals in Kaduna State, Nigeria**
Garba Zainab Anchau, Ahmadu Bello University Zaria, Nigeria
- 48 **Title: Molecular detection of other Hepatitis B virus genes in HBs negative individuals**
Olufisayo Adesina, Obafemi Awolowo University Ile-Ife, Nigeria
- 49 **Title: Challenges of Lassa Fever Diagnosis and Treatment in Owerri's Healthcare System: Addressing Barriers to Effective Disease Management**
Vivian Chika Igiri, University of Agriculture and Environmental sciences Umuagwo Imo state, Nigeria
- 50 **Title: Waiting in the Wings: The Resurgence of Sylvatic Dengue Virus in Senegal within a Hyperendemic Context**
Idrissa Dieng, Institut Pasteur de Dakar, Senegal
- 51 **Title: Seroprevalence of Hepatitis B and C Viruses among Malaria Patients attending Ahmadu Bello University Medical Centre**
Munirat Ahmed Shuiabu, Ahmadu Bello University Zaria, Nigeria
- 52 **Title: Incidence of Occult Hepatitis B Infection (OBI) and hepatitis B Genotype Characterization Among Blood Donors in Cameroon**
Macqueen Ngum, Mbencho, University of Buea, Cameroon & University of Tübingen, Germany
- 53 **Title: Evidence of intra prison transmission, higher transmissibility and likely genotypic divergence among HBV seropositive inmates in Ghana**
Angela Naa Amerley Ayiku, University of Ghana
- 54 **Title: Epidemiological Surveillance of Respiratory Viruses in Suspected Cases of COVID-19 in Lagos State, Nigeria**
Olumuyiwa Babalola Salu, University of Lagos, Nigeria
- 55 **Title: First-ever Dengue Fever Outbreak in Ghana**
Magdalene Sarah Nketia Ofori, Noguchi Memorial Institute for Medical Research, Ghana

- 56 **Title: Comparative Analysis on Hepatitis B Virus, Typhoid and Malaria Infections in Okigwe and Udo-Mbaise of Imo State, Nigeria**
Christian Chukwuemeka Ike, *University of Agriculture and Environmental Sciences, Imo State, Nigeria*
- 57 **Title: Sero-prevalence of Hepatitis B surface antigenemia among apparently healthy volunteers in Kaura Namoda Metropolis**
Christopher Rwang Pam, *University of Ibadan, Nigeria*
- 58 **Title: HIV-1 genetic diversity and drug resistance mutations in Ghana: a systematic review**
Pious Appiah, *University of Ghana*
- 59 **Title: Determination of the Relationship Between ABO Blood Group and Hepatitis B Virus Infection**
Yasir Abdulhadi Muhammad, *Aliko Dangote University of Science and Technology Wudil, Kano State, Nigeria*
- 60 **Title: Healthcare Workers' Diagnostic Practices for Arboviral Infections: A Comparative Analysis between Lagos and FCT-Abuja, Nigeria**
Abiodun Feyikemi Ipadeola, *Covenant University, Ota, Ogun State, Nigeria*
- 61 **Title: Isolation and Molecular Detection of Newcastle Disease Virus from a Commercial Layer Flock in Zamfara State, Nigeria**
Buhari Bawa, *Usmanu Danfodiyo University, Sokoto, Nigeria*
- 62 **Title: Serological Detection of Hepatitis B Virus in HIV-Positive Patients at the Federal Medical Centre, Jalingo**
Samuel Gadzama Ishaya, *Taraba State University, Jalingo, Nigeria*
- 63 **Title: Co-infection of Malaria Parasites and Herpes Simplex Virus type 1 Among Febrile Patients Attending Two Hospitals in Samaru Zaria**
Ameh Eleyi Rosemary, *Ahmadu Bello University Zaria, Nigeria*
- 64 **Title: Detection of dengue virus in vectors and falciparum patients in Enugu State Nigeria**
Ogudu Emmanuel Ogonnia, *National Arbovirus and Vectors Research Center Enugu, Nigeria*
- 65 **Title: Seroprevalence and Genotyping of Dengue Virus Among Febrile Patients Attending Selected Hospitals in Kaduna State**
Monye Ugochukwu Prosper, *Ahmadu Bello University Zaria, Nigeria*
- 66 **Title: Molecular Detection of Mpox Virus in Ghana: May 2022 to August 2024**
Enimil Nancy, *Noguchi Memorial Institute for Medical Research, Ghana*
- 67 **Title: Detection of hepatitis C and B virus infection among inmates and psychiatric patients in Ebonyi State metropolis, Nigeria**
Euslar Nnenna Onu, *Alex Ekwueme Federal University Ndufu-Alike Ikwo Ebonyi State Nigeria*

68 **Title: The Impact of Highly Active Antiretroviral Therapy (HAART) on HIV Disease Progression in HIV-Infected Patients Attending General Hospital Kaura Namoda, Zamfara State**

Pam Christopher Rwang, *University of Ibadan, Nigeria*

69 **Title: Prevalence of hepatitis virus among HIV-positive women attending specialist hospital Gashua, Yobe State Nigeria**

Kolo Rose Lami, *Federal University Gashua, Yobe State, Nigeria*

Presentation of Awards

15:15-15:30

Coffee Break

15:00 - 17:45

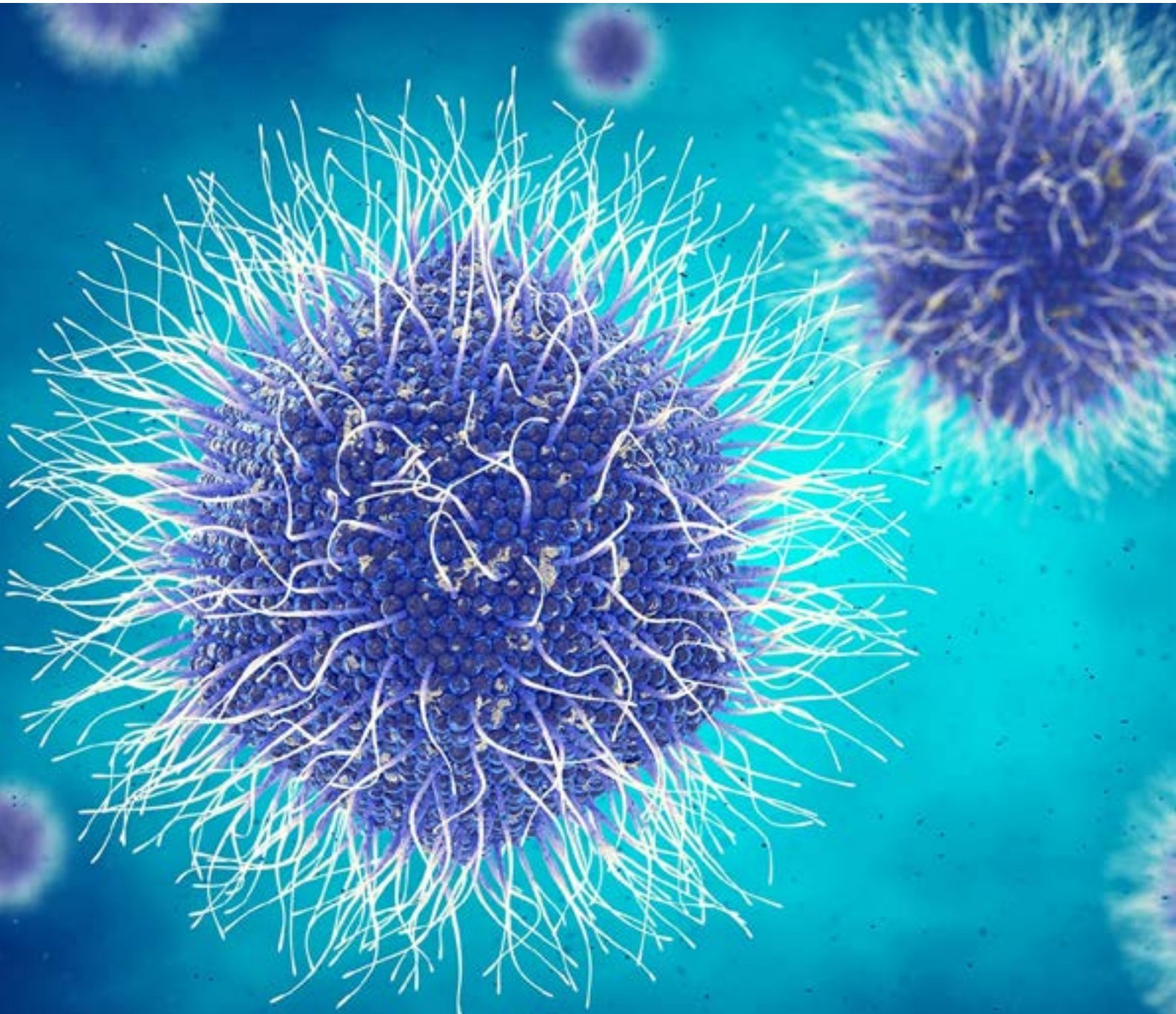
AVN General Meeting

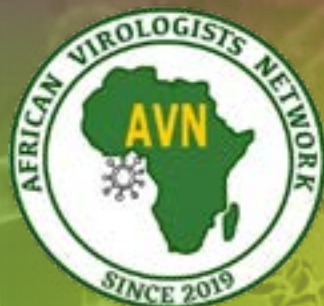
Chairpersons: Prof. Theophilus Adiku and Prof. Maryam Aminu

18.00

Closing Remarks

***** End of Day 3 & Conference *****





THE AFRICAN VIROLOGY CONFERENCE 2024

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