



NATIONAL BIOTECHNOLOGY RESEARCH AND DEVELOPMENT AGENCY +234 803 314 2898, +234 703 117 9538

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Theme

"BIOTECHNOLOGY AS AN ENGINE FOR ECONOMIC GROWTH"

























Bayer Nigeria Limited is a leading life science organization dedicated to improving the lives of farmers and promoting sustainable agriculture through the production and distribution of innovative crop science solutions.

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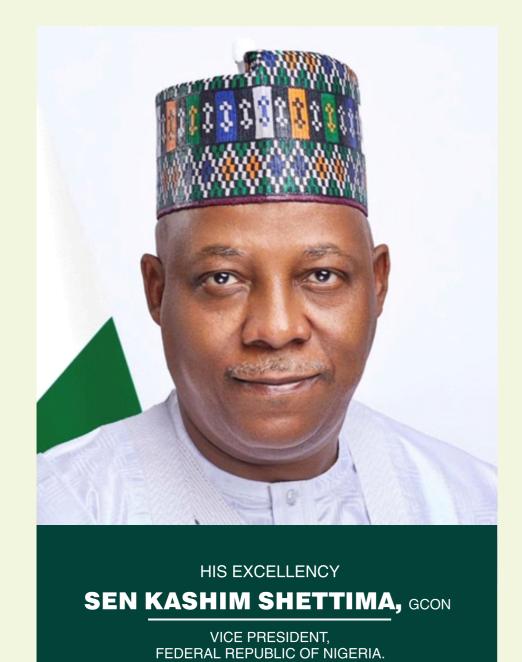


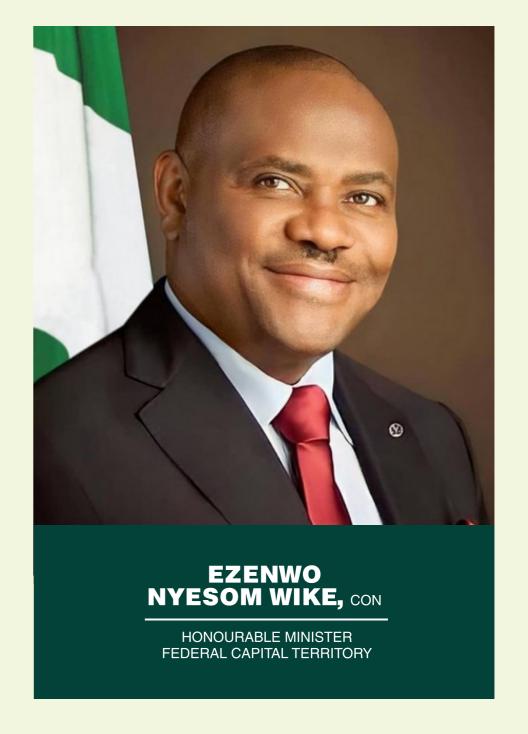


HIS EXCELLENCY BOLA AHMED TINUBU, GCFR

PRESIDENT, COMMANDER-IN-CHIEF OF THE ARMED FORCES FEDERAL REPUBLIC OF NIGERIA.



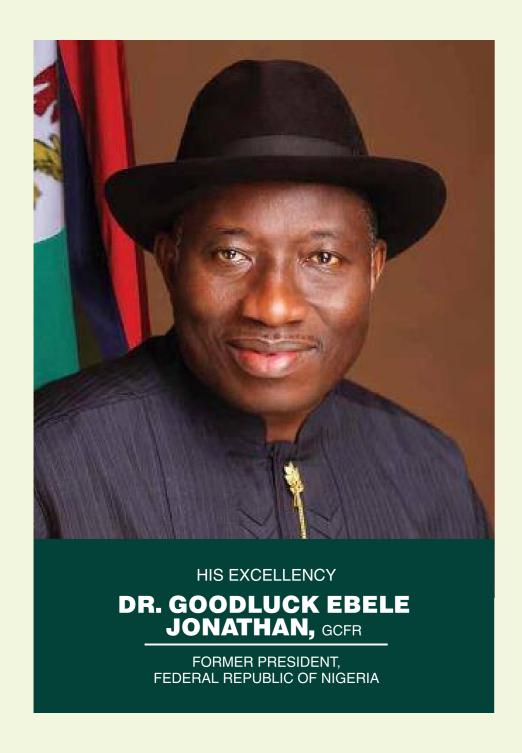


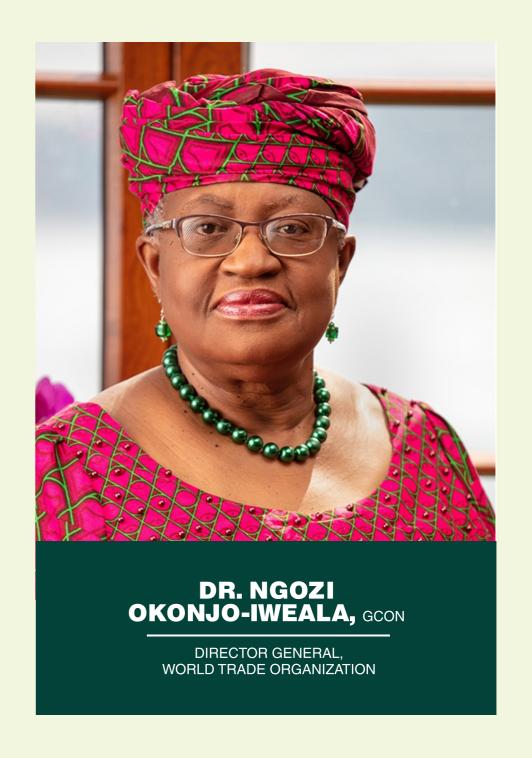




CoB24 INTERNATIONAL CONFERENCE ON BIOTECHNOLOGY | 2024 |

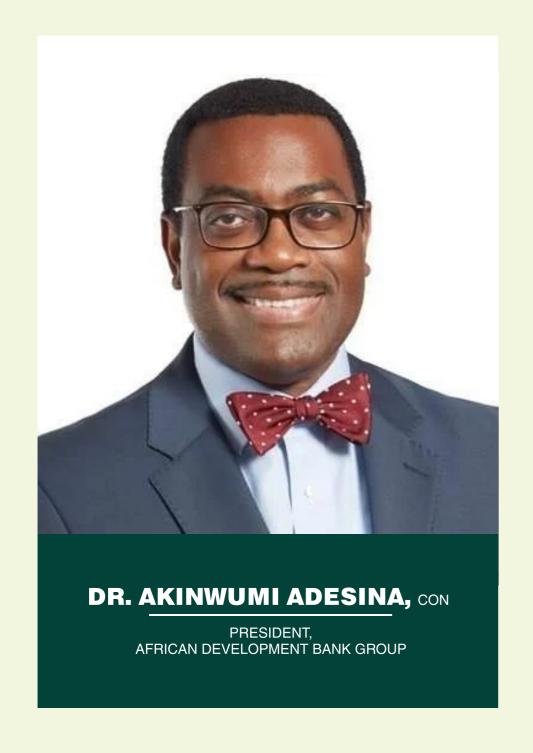


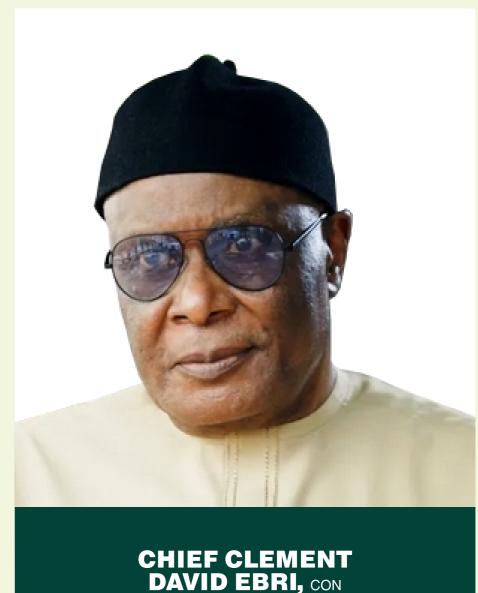




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CHIEF CLEMENT DAVID EBRI, CON

FORMER GOVERNOR OF CROSS RIVERS STATE AND FORMER CHAIRMAN OF NBRDA GOVERNING BOARD.

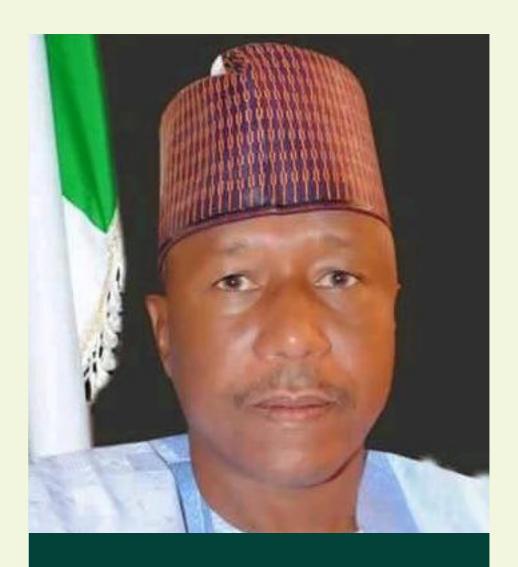
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SEN. AMINU IYA ABBAS

CHAIRMAN, SENATE COMMITTEE ON SCIENCE AND TECHNOLOGY



HON. TIJJANI ZAKARIYA ZANNA

CHAIRMAN, HOUSE COMMITTEE ON SCIENCE AND TECHNOLOGY





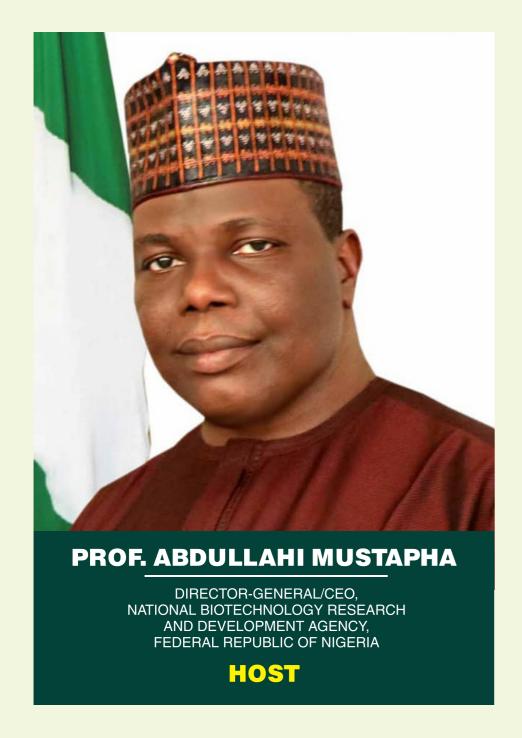
CHIEF UCHE NNAJI

HONOURABLE MINISTER, FEDERAL MINISTRY OF INNOVATION, SCIENCE AND TECHNOLOGY,

CHIEF HOST







NATIONAL ANTHEM AND PLEDGE



NATIONAL ANTHEM

Nigeria we hail thee,
Our own dear native land,
Though tribe and tongue may differ,
In brotherhood we stand,
Nigerians all, and proud to serve
Our sovereign Motherland.

Our flag shall be a symbol That truth and justice reign, In peace or battle honour'd, And this we count as gain, To hand on to our children A banner without stain.

O God of all creation,
Grant this our one request,
Help us to build a nation
Where no man is oppressed,
And so with peace and plenty
Nigeria may be blessed.

NATIONAL PLEDGE

I pledge to Nigeria my Country
To be faithful, loyal and honest
To serve Nigeria with all my strength
To defend her unity
And uphold her honour and glory
So help me God.

Welcome to ICoB24!

he National Biotechnology Research and Development Agency (NBRDA) is pleased to host the International Conference on Biotechnology (ICoB24), aligning with our mandate to promote and coordinate cutting-edge biotechnology research, development, and deployment for the socio-economic well-being of the nation.

ICoB24 embodies our commitment to harnessing biotechnology for:

- Food security through innovative agricultural solutions
- Job and wealth creation via biotechnology entrepreneurship
- Affordable healthcare delivery through biotechnology advancements
- Development of rapid diagnostic test kits for Malaria, pregnancy, Covid, HIV, Hepatitis.
- Vaccine development.
- Sustainable environment conservation and restoration using biotechnology tools

Thank you for joining us at ICoB24 to share knowledge, foster collaborations, and explore the vast potential of biotechnology for national development.

Together, let's shape the future of biotechnology for a betterworld!

CONFERENCE AIM

This conference aims to serve as a premier platform for exchanging knowledge, exploring emerging trends, and fostering partnerships among researchers, professionals, industry experts, and policymakers.

The objectives include to:

- 1.To highlight advancements in biotechnology globally and discuss their potential application and benefits to the continent: The primary objective of the conference is to unite global biotechnology pioneers with the purpose of showcasing and exchanging cutting-edge advancements, emerging trends, ground-breaking research, and state-of-the-art technologies. Highlighting the advancements across multiple industries healthcare, agriculture, industry, environment, and other sectors demonstrates the value of biotechnology overall and and not just agriculture.
- 2.To demonstrate biotechnology's potential to drive economic growth: It will present ground-breaking biotech advancements from various countries (USA, Canada, Argentina, Brazil, South Africa, Japan, Philippines, India, Sudan, Malawi etc), which have the potential to stimulate the emergence of new industries and employment opportunities in Africa and entire Global South. These innovations can play a

crucial role in addressing the urgent issue of food insecurity.

- 3.To connect African scientists, entrepreneurs, policymakers, and other stakeholders with international expertise: The objective of the event is to promote networking, exchange of knowledge and establishment of partnerships among Nigerian stakeholders and international experts from various sectors including academia, industry, National Academies of Science, Industry, Farmer groups, government agencies, NGOs, Civil Society Organizations, and investment communities.
- 4.To explore Industry engagement: To encourage active participation and engagement of biotechnology companies, startups, and industry stakeholders to showcase their products, services, and achievements.
- 5.To identify opportunities and challenges for biotechnology and Biosafety: The current state of biotechnology will be thoroughly examined during the conference. Priority issues, barriers to advancement, and areas of need will be brought to the forefront for discussion. The focus of the discussion will be on formulating solutions and providing incentives to fully harness the potential of biotechnology for the betterment of economic growth and public welfare.

ICOB is a platform for participants to engage in insightful discussions on a wide range of topics such as agricultural biotechnology, healthcare biotechnology, environmental biotechnology, industrial biotechnology, and bioinformatics. Through keynote addresses, plenary sessions, poster presentations, interactive sessions, and exhibitions showcasing cutting-edge biotechnological products and services, attendees have the opportunity to explore the latest research findings and technological innovations in the field of biotechnology.

This conference also provides a valuable networking opportunity for participants to establish collaborations, build partnerships, and foster relationships with peers in the biotechnology community. It also offers unparalleled networking opportunities, connecting like-minded individuals who share a common passion for harnessing the power of biotechnology to tackle local challenges to improve lives; and those who may be at the consideration stage. Together, we will navigate through the intricate complexities of biotechnology, exploring its potential for revolutionary breakthroughs that were once mere dreams.

Wishing you a wonderful experience at ICoB24. Thank you for being here with us!!!

■ Dr. Rose Maxwell Gidado, Chairman LOC ICoB24

SPEAKERS





DR. CANASIUS KANANGIRE

Executive Director, African Agricultural Technology Foundation (AATF)



DR. AGNES YEMISI ASAGBRA

Director General of the National Biosafety Management Agency (NBMA)



PROF. CHIEDOZIE NGOZI EGESI

Executive Director of the National Root Crops Research Institute (NRCRI) Umudike



DR. ISHIAK O. KHALID

Acting Director General of National Agricultural Seeds Council (NASC)



ENGR UMAR BUBA BINDIR (PHD)

Agricultural Machinery Design and Development Engineer



DR. RUFUS EBEGBA

Pioneer Director General of the National Biosafety Management Agency



DR. SYLVESTER OIKEH

WEMA/TELA Maize Project Manager at African Agricultural Technology Foundation (AATF)



PROF. EMMANUEL H. KWON-NDUNG

Professor of Plant Genetics and Breeding



MODUPEADE ADETUNJI Associate Professor

Associate Professor of Food Mycotoxicology and Food Safety



JOSÉ FALCK-ZEPEDA

Senior Research Fellow at the International Food Policy Research Institute (IFPRI)



ALISON VAN EENENNAAM

A Distinguished Prof. of Cooperative Extension in the field of Animal Genomics and Biotechnology, Dept. of Animal Science, University of California



PROF. KINGSLEY

UBAOJI
Professor of
Biochemistry, Dept.
of Biochemistry,
Nnamdi Azikiwe
University



DR. TAD SONSTEGARD

He serves as the Chief Executive Officer of Acceligen



PROF. EMMANUEL O. BALOGUN

Senior lecturer, Dept. of Biochemistry, Ahmadu Bello University, Zaria



DR. ONYEKACHI FRANCIS NWANKWO

Stewardship Manager, African Agricultural Technology Foundation (AATF),



PROF. BENJAMIN UBI

Holds a Doctorate in Agronomy and he is a Member of the Board of Trustees of the Nigerian Plant Breeders Association (NPBA



PROF. RABIU ADAMU

Adamu is a Professor of Agricultural Entomology, President of the Entomological Society of Nigeria,



YUSUF ADO-KIBIYA

Is an agronomist and President of Seed Entrepreneurs Association of Nigeria (SEEDAN)

SPEAKERS



SPEAKERS





DR. LAWAL A. KOLAWOLE

Director and Head of Dept., Biotechnology Dept, Fed. Institute of Industrial Research. Oshodi, Lagos



PROF. ISMAILA YADA SUDI

Prof.of Environmental Biochemistry and Molecular Biology at Adamawa State University (ADSU) Mubi



DR. EFFIOM **EYO ITA**

Plant Biotechnologist and Engineering



MRS. SUMAYYA **HAMZA MAISHANU**

An exceptional Molecular Biology Professional, erudite Researcher, and passionate Teacher.



DR. O. ESTHER **OGUNJINMI** Holds a PhD in

Organic Chemistry, a Senior Lecturer in the Dept of Ind. Chemistry, and a Vice Dean of the Faculty of Nat. & Applied Sciences at First Technical University, Ibadan, Oyo State.



DR. ODUNLADE **ALBERT**

Has a PhD in Animal Biotechnology. He is a lecturer and Acting Head of Dept of Biotechnology at Trinity University, Sabo



DR. IHUOMA **CHIZARAM** OKWUONU,

Plant Biotechnologist, Asst. Director, National Root Crops Research Institute (NRCRI)



PRECIOUS ETINOSA IKPO (PhD,IFBA-CP)

Asst. Dir. Medical Lab. Services & Head Medical Lab. Services Fed. Neuropsychiatric Hospital, Benin City



PROF. **MOHAMMED BELLO YERIMA**

Expert in Microbial Biotechnology, Faculty member, Dept of Microbiology at Sokoto State University - Nigeria



DR. ANDREW **CHIBUZOR ILOH**

Has a Ph.D. in Molecular Biology and Population Genetics. An expert in plant molecular biology and population genetics, focusing on applications in genetics, forensics,



DR. EZEBUIRO N. **CHRISTPEACE**

Has a PHD in Bioprocess Engineering with specialization in **Energy and Environment**



DR. POPOOLA BUKOLA M.

A senior lecturer, at Ajayi Crowther University, Oyo State. and bags a Ph.D in Environment and Industrial Microbiology from University of Ibadan



PROF. ADENIYI ADEWALE **OGUNJOBI**

Professor of Environmental Microbiology and Biotechnology



PROF. JULIAN O. OSUJI

Molecular Geneticist and Cytotaxonomist, Dir., Regional Centre for Biotechnology & Bioresources Research, Uni of Port-Harcourt



ADEJOKE LASISI

Founder Planet 3R



DR. V.O. FADIPE Principal Research

Fellow/Deputy Director/Head, Public Private Partnership, Fed. Min.of Innovation. Science & Technology



PROF. BECKLEY **IKHAJIAGBE**

Prof. of Ecophysiology & Environmental Biotechnology. He is a Faculty member at the Dept. of Plant Biology & Biotechnology, University of Benin, Benin City



PROF. **FLORENCE** AKANEME

Prof. of Genetics & Plant breeding at the University of Nigeria, Nsukka.



DR. AGHA **UKPAI AGHA**

An expert in Biorisk Management and Ag. Dir. National Biosafety Management Agency (NBMA)



PROF. CHARLES ADETUNJI

Director of Research and Innovation, Dept, Microbiology, Faculty of Sci., Edo State University, Uzairue, Nigeria.



DR. TOSIN C. **OLATERU**

Principal Lecturer and currently Head of Dept., Dept. of Biology, The Polytechnic, Ibadan, Oyo state



PROF. **NNENNAYA** ROSEMARY ISU

An accomplished researcher & author, she has numerous peer-reviewed articles in national and international journals



PROF. C.J. **OGUGBUE** Professor of

Environmental Microbiology in the Dept. of Microbiology at the Faculty of Science, University of PortHarcourt



DR. VALENTINE OTANG NTUI

An Associate Professor of Plant Genome Editing at the African Genome Center, University Mohammed VI Polytechnic, Ben Guerir, Morocco



DR. OKOH **DANIEL ABANI**

An expert in Waste Management/Water Sanitation & Hygiene (WASH) and Alternative Energy



DR. FRANCISCA **OBIAGERI NWAOKORIE**

A Med. Microbiologist, Associate Prof., Dept. of Medical Lab. Sci., College of Medicine. University of Lagos



PROF. **AYOKUNLE AFOLABITOYE**

Prof., of Theoretical & Applied Genetics Dept. of Animal Production, Faculty of Agriculture, Uni-Ilorin



DR. G.I.B OBIOH

Director/Head of Department, Food and Industrial Biotechnology, (NBRDA)



DR. BARTH **IBEH**

Director/Head of Department. Medical Biotechnology, (NBRDA)



DR. CHITU **WOMEHOMA PRINCEWILL**

Doctor of Biomedical Ethics and Dir. at the Nat. Biotechnology Devt. Research Agency (NBRDA)



Prof. Elijah **Ekah Ella** A lecturer at

Ahmadu Bello University, Dept. of Microbiology

PROFIFEOMA ENWEANI-NWOKELO Professor of

Microbiology and works in Nnamdi Azikiwe University, Awka. Nigeria.



PROF. KEN IFE

Promoting Nat. PPP Concessions for Cassava-Bioethanol & Methanol/Biomethanol/e-methanol Value Chain Devt. in Nigeria



DR. ADETUNJI A. OLUSEGUN

Director/Head of Department, Environmental Biotechnology and Bioconservation, (NBRDA)



DR. OLUWATOYIN AJENIFUJAH-**SOLEBO**

Director/Head of Department, Genetics, Genomics, and Bioinformatics, (NBRDA)



DR. ROSE **MAXWELL** GIDADO

Director/Head of Department, Agric. Biotech. Dept., (NBRDA), and Chairman LOC ICoB24.

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PROGRAMME OF EVENTS

	DAY ONE - MONDAY 15, JULY 2024	
TIME	ACTIVITIES AND SPEAKERS	VENUE
08:00-9:00 AM	REGISTRATION	
09:00-1:00 PM	Opening ceremony. National Anthem Introduction of Guests by Masters of Ceremony: Tope Ojeme, Toyin Omozuwa, NBRDA and Alex Abutu, AATF Introductory Remarks by ICoB24 LOC Chairman Dr. Rose Gidado Welcome Address by DG/CEO NBRDA Prof. Abdullahi Mustapha Documentary/Spoken Word Goodwill Messages – by, DG/CEOs of MDAs/Parastatals, UN/FAO Nigeria, Country Rep.; World Bank ACReSAL Project Team Lead; NUC., High Commissioners/Ambassadors, International Partners (AATF, Bill Gates, Foundation Representative, ICGEB, USAID, USDA, BAYER, Mahyco etc.), NGO's, CSO's, AFAN, SEEDAN, Banks, Captains of Industries and the President, Nigerian Academy of Science (NAS). Remarks by Mrs Esuabana Nko-Asanye, Permanent Secretary Ministers of FMA&FS, FMEnv, FMOH & SW, FMITI, FMF, FMB & EP Hon Minister, Fed Min. of Innovation, Sci. & Tech, Chief Uche G. Nnaji Remarks by Hon. Tijjani Z. Zanna, Chairman House Committee on STI Remarks by Sen. Aminu lya Abbas, Senate Committee Chairman on STI Governors or their Representatives Present His Excellency, Dr Abdullahi Ganduje, Chairman, APC. Senator Barau Jibrin, Deputy Senate President Cultural Display Keynote Address 1: Dr. Akinwunmi Adesina, CON Speech by Honourable Minister (FMIST): Chief Uche Geoffrey Nnaji Keynote Address 3: Chief. Clement David Ebi, CON Address by Guest of Honour: His Excellency Dr. Goodluck Ebele Jonathan, GCFR Presentation of Awards for Special Guests Address by the Vice President, Federal Republic of Nigeria, His Excellency Senator Kashim Shettima, GCON. Presidential Address and opening by the Special Guest of Honour: His Excellency Senator Bola Ahmed Tinubu, GCFR Vote of thanks by Dr. Patrick Aderinola Group Photographs	Main Conference Hall
01:00 PM -1:30PM	VISIT TO EXHIBITION STANDS	
01:30PM -2:30P	M LUNCH	
02:30PM - 03:30PM	PLENARY SESSION SPEAKER: Prince Abdulhamid Umar, National Project Coordinator, World Bank ACReSAL PROJECT. TOPIC: Scaling Up ACReSAL's Reach and Impact: Strategies for Sustainable Agricultural Development in Northern Nigeria.	Main Conference Hall
03:00PM- 04:30PM	RAPPORTEURS: Evilla Bassey Adejo, Modupe Oluwatoyin SPEAKER: Dr. Rufus Egbeba, Former DG/CEO NBMA TOPIC: Overview of Policy, Biosafety and Regulatory issues: Cybersecurity, Intellectual Property	

TIME	ACTIVITIES AND SPEAKERS	VENUE
	MODERATOR: Dr. Matthew Dore	Main
	DISCUSSANTS (10mins each)	Conference Hall
	1. Agnes Asagbara, DG/CEO NBMA	нап
	2. Dr. Rufus Egbegba , Former DG/CEO NBMA	
	3. Prof. Emmanuel S. Dandaura , Director, Institute of Strategic and	
	Development Communication ISDEVCOM, Keffi, Nasarawa State University. 4. Dr. Umar Bindir , Former DG/CEO, NOTAP	
	RAPPORTEURS: Evilla Bassey Adejo, Ogunremi Oluwasijibomi Charles	
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4:30PM- 05:00PM	· 5 ·	
	TOPIC: "Advanced Genomics Application & Technologies for Life Sciences Research."	
	DAY TWO - TUESDAY 16, JULY 2024	
TIME	ACTIVITIES AND SPEAKERS	VENUE
9:00AM-09:45AN	TITLE: Harnessing Biotechnology for Antimicrobial Resistance (AMR)	
	Surveillance and Control: A One Health Approach (30-45 mins)	Conference
	SPEAKER: Dr. Francisca Nwaokorie, Associate Professor and Medical	Hall
	Microbiologist College of Medicine, University of Lagos	
9:45AM-10:30AN	**TITLE: Enhancing Surveillance and Monitoring of AMR in humans,	Main Conference
	animals, and the Environment	Hall
	PANEL DISCUSSION	rian
	MODERATOR: Dr. Barth Ibeh	
	DISCUSSANTS (10mins each)	
	1. Dr. Adetunji Modupeade Christianah, Associate. Prof. of food	
	mycotoxicology and food safety), TRINITY UNIVERSITY, YABA, LAGOS	
	2. Dr Eugene Itua, Environmental Sustainability Expert/CEO Natural Eco Capital, Lagos, and Coordinator Nigeria Long term low Emissions	
	Development Strategy (LTS).	
	3. Dr. Etinosa Ikpo, Federal Neuropsychiatric Hospital, Benin	
0.20 11.0000	RAPPORTEURS: Dr. Joy Oladimeji-Salami and Idiongbong Asuquo	SENCE HALL
0:30-11:00AN		KENCE HALI
1:00-11:30AN		TDC (DM 1)
	TECHNICAL PANEL SESSION I (ABD)	TBS (RM. 1)
	FACILITATOR: Dr. Rose M. Gidado, Director, Agric Biotech Dept., NBRDA	
11:30-11:45 AM	SPEAKER: Dominque Koffy Kouacou, Country Representative,	
	UN/FAO, Nigeria	
	TOPIC: Biotechnology for Smallholder Farmers: Enhancing	
	Productivity and Income through FAO's Interventions.	
	PANEL DISCUSSANTS (15 mins each)	

11:45-12:15 PM **SPEAKER 1: Dr. Khalid Ishiaq,** Ag. DG, NASC

TOPIC: Seed Quality and Certification

TIME	ACTIVITIES AND SPEAKERS	VENUE
12:15-12:45PM	SPEAKER 2: Dr. Okelola Sunday Folarin, Ag. Registrar, PVP Office, NASC TOPIC: Plant Varietal Protection in Nigeria: Benefits and Relevance to Food Security.	
01:00-01:30 PM	SPEAKER 3: Dr Bernard Ehirim, Programme Officer, Product Stewardship, AATF TOPIC: Seed Technology and Innovation	
	RAPPORTEURS: Adeshina Dolapo Adetokunbo, Esther Inegbedion	
12:15-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (EBD)	TBS (RM. 2)
	FACILITATOR: Dr Adetunji, O. A TOPIC: Enhancing Environmental Sustainability Through Biotechnological Innovations: Addressing Pollution, Climate Change, and Waste Management Challenges.	
	SPEAKER: Prof. C.J. Ogugbue, University of Port Harcourt (30-45 mins)	
	MODERATOR: Dr. Chizoba H. Unaeze	
12:15-01:00 PM	PANEL DISCUSSANTS (10mins each) 1. Prof. Magagi Joshua, Nasarawa State University 2. Prof. Sudi Ismaila Yada, Adamawa State University, Yola 3. Dr. Solomon Olayimika, FUT, Minna 4. Dr. Ibrahim Rafiu Babatunde, Osun State University 5. Dr. Bello Abdullahi, Bioresources Development Centre, Illorin	
	RAPPORTEURS: Jacinta Osigbemhe and Victor Okoh	
1:00-1:30 PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (MBD)	TBS (RM. 3)
	FACILITATOR: Dr Barth Ibeh TOPIC: Transformative innovations: revolutionizing healthcare through Medical Biotechnology	
12:15-01:00 PM	MODERATOR: Dr Barth Ibeh PANEL DISCUSSANTS (10mins each) 1. Prof. Kingsley Ubaoji 2. Dr. Emmanuel Balogun	
	RAPPORTEURS: Ezinne Nwonu, Dr. Akinbobola Otitoju	
01:00-01:30 PM	QUESTIONS AND ANSWERS/INTERACTION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (FIB)	TBS (RM. 4)
	FACILITATOR: Dr. G.I.B, Obioh TITLE: Innovations in Bioprocessing and Bio-manufacturing SPEAKER: Prof. Ifeoma B. Enweani-Nwokelo, Faculty of Medical Laboratory Science and Director, Grants Development, Nnamdi Azikiwe University, Awka, Nigeria	

TIME	ACTIVITIES AND SPEAKERS	VENUE
	MODERATOR: Eng. Jafar Zangina, PhD	
12:15-01:00 PM	PANEL DISCUSSANTS (10mins each) 1. Prof. Olubunmi Agarry, University of Abuja, Abuja, Nigeria 2. Prof. Adeniyi A. Ogunjobi, University of Ibadan, Ibadan, Nigeria 3. Sumayya, Hamza Maishanu, Branch Manager, DNAlabs LTD Abuja 4. Miss Adejoke Lasisi, CEO, Planet 3R, Ibadan, Nigeria	
	RAPPORTEURS: Dr. Stella Leh Togi	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (GBD)	TBS (RM. 5)
	FACILITATOR: Dr. Oluwatoyin Ajenifujah-Solebo	
	<i>TOPIC:</i> Prospects of Developing Indigenous Biogenome Databases through an African BioGenome Project - NBRDA Collaboration.	
	SPEAKER: Prof. Julian O. Osuji, Director, Regional Centre for Biotechnology and Bioresources Research & NBRDA CoExcellence University of Port Harcourt, & Co-Chair, African BioGenome Project.	
12:15-01:00 PM	PANEL DISCUSSANTS (10mins each) 1. Frank A. Ogundolie 2. Dr. Effiom Ita 3. Dr. Victor Fadipe	
	4. Dr. Mangse George	
	Rapporteurs: Ojochenemi Enejoh, Okolo Dominic	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
01:30-02:15 PM	LUNCH	
02:15-02:30 PM	TECHNICAL PANEL SESSION II (ABD)	TBS (RM. 1)
	FACILITATOR: Dr. Rose Gidado	
	MODERATOR: Prof. Chiedozie, ED, NRCRI, Umudike	
02:30-03:30 PM	PANEL DISCUSSANTS (10mins each) 1. Godwin Nana-Yaw Lemgo, Regulatory Scientific Affairs Manager, Africa Bayer Crop Science Nairobi. Kenya: TOPIC: Ensuring Regulatory Compliance in Biotech Crop Development: Lessons Learned from the Private Sector Experience in Africa.	
	2. Prof. Ishiyaku, <i>Principal Investigator Pod Borer Resistant Cowpea</i> (<i>PBR</i>), <i>IAR</i> , <i>Zaria</i> TOPIC: From Lab to Field: Translating Biotechnological Research into Practical Farming Solutions.	

TIME	ACTIVITIES AND SPEAKERS	VENUE
	3. Dr. Onyekachi Francis Nwankwo, AATF, Kenya. TOPIC: Beyond regulations: Post release monitoring of AgricBiotech products - case of PBR cowpea in Nigeria.	
	4. Prof. Benjamin Ewa Ubi, Former President, Biotechnology Society of Nigeria (BSN)	
	TOPIC: Biotech Crops for Climate Resilience: Adapting Agriculture to Changing Environmental Conditions.	
	RAPPORTEURS: Glory Ononokpono, Osisami Olubukunola	
02:30-03:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
02:15-02:45 PM	TECHNICAL PANEL SESSION II (EBD)	TBS (RM. 2)
	FACILITATOR: Dr. Adetunji, O. A	
	TITLE: Revolutionizing Energy Sustainability: Harnessing Biomass for Biotechnology Advancements in the Modern Age.	
	SPEAKER: Dr. Christpeace Ezebuiro, NBRDA, Abuja (30 mins)	
	MODERATOR: Eng. Helen Noble Okereke PANEL DISCUSSANTS (10mins each) 1. Dr. Sunday Yusuf Kpal, Nasarawa State University	
	 Dr. Ozioma I Nduagu, Institute of Waste to Wealth (IWW), Abuja Dr. Daniel Okoh, West Africa Global Aid Organization (WAGA), Abuja Dr Olaniyi Akeem Olawale, Kaduna State University, Kaduna 	
	Rapporteurs: Chidimma Enwerem, Sochi Anaga	
02:45-03:30 PM	INTERACTION/QUESTIONS AND ANSWERS	
02:15-02:45 PM	TECHNICAL PANEL SESSION II (MBD)	TBS (RM. 3)
	FACILITATOR: Dr Barth Ibeh	
	TOPIC: Medical Biotechnology: Powering Health and Wealth.	
	SPEAKER: Prof Mahmoud M. Bahgat, Head of Science & Technology Cooperation Centre, the Egyptian Academy of Scientific Research & Technology. Head of the Department of Therapeutic Chemistry, The National Research Centre, Cairo, 12311 Egypt.	
	MODERATOR: Dr Barth Ibeh PANEL DISCUSSANTS (10mins each 1. Prof Kingsley Ubaoji 2. Dr. Emmanuel Balogun	
	RAPPORTEURS: Priscilla Aondona Yahemba	
02:45-03:30 PM	QUESTIONS AND ANSWERS, DISCUSSION	

02:15-02:45 PM	TECHNICAL PANEL SESSION II (FIB)	TBS (RM. 2)			
	FACILITATOR: Dr G.I.B Obioh TOPIC: Bio-catalysis and Enzyme Engineering for Industrial Applications				
	SPEAKER: Dr. A.K. Lawal, Director, Biotechnology Department, Federal Institute of Industrial Research Oshodi (FIIRO), Nigeria. (30 mins)				
	MODERATOR: Mr. Gbadebo Olukotun				
02:45-03:30 PM	 PANEL DISCUSSANTS (10mins each) Prof. E.E. Ella, Ahmadu Bello University, Zaria, Nigeria Prof. N.R. Isu, University of Abuja, Abuja, Nigeria Dr. Bukola Popoola, Ajayi Crowther University, Oyo, Nigeria Dr. Andrew Chibuzor Iloh, Sheda Science and Technology Complex (SHESTCO), Sheda, Nigeria. 				
	RAPPORTEUR: Henry Kumba				
02:45-03:30 PM	QUESTIONS AND ANSWERS, DISCUSSION				
02:15-02:45 PM	TECHNICAL PANEL SESSION II (GBD)	TBS (RM. 5)			
	FACILITATOR: Dr. Oluwatoyin Ajenifujah-Solebo				
	SPEAKER: Prof. Charles Adetunji, Dir. Research and Innovation, Dept. of Microbiology, Faculty of Science, Edo State University, Uzairue, Nigeria and President Nigerian Bioinformatics and Genomic Network. (30-45mins)				
	TOPIC: Harnessing the Capabilities of Microbial Genomes for Sustainable Development.				
02:45-03:30 PM	MODERATOR: Frank A. Ogundolie PANEL DISCUSSANTS (10mins each): 1. Mr. Olayiwola Agoro, Deputy Director, BRTD, FMIST				
	2. Prof. Olufunke B. Shittu, Fed. University of Agriculture Abeokuta,				
	Director, Biotechnology Centre. 3. Prof. Nnennaya Isu, Microbiologist, University of Abuja 4. Dr Andrew Chibuzo Iloh, Molecular Biologist, SHESTCO				
	RAPPORTEURS: Olaitan Y. Falana, Rilwan Yusuf				
02:45-03:30 PM	QUESTIONS AND ANSWERS, DISCUSSION				
03:30-04:30 PM					
	TBS TBS TBS TBS TBS TBS Dr. Kalu Alfred Room 1 Room 2 Room 3 Room 4 Room 5 (AGB) (EBD) (MBD) (FIB) (GBD) RAPPORTEURS Dr. Kalu Alfred Dr. Tari Agballala Adeshina Dolap Henry Kumba Busari Khadija				
04:30-05:00PM	WRAP UP SESSION. MAIN COI REPS FROM BREAK OUT SESSION HALL	NFERENCE			

TIME	DAY THREE - WEDNESDAY 17, JULY 202 ACTIVITIES AND SPEAKERS	VENUE
09:00-09:10AM	PLENARY SESSION 1 FACILITATOR: DR. ROSE GIDADO	Main Conference Hall
	TOPIC: Stewardship	
09:10-09:40AM	LEAD SPEAKER: Dr. Francis Onyekachi, Lead Product Stewardship, AATF TOPIC: Stewardship for development and commercialization	Main
	of Agricultural Biotechnologies in Africa: Development and implementation of viable insect resistance management strategy for Bt. products in Africa.	Conference Hall
	MODERATOR: Dr. Ebiarede Zidafamor , Seed Production Coordination and Management, National Agricultural Seed Council (NASC)	
09:40-10:25AM	PANEL DISCUSSANTS (10mins each) 1. Prof. Rabiu Adamu, PI TELA Maize Project, IAR, Zaria 2. Prof. Emmanuel Kwon-Ndung, Federal University Lafia 3. Prof. Emmanuel Ikani, NAERLS, Zaria	
10:25-10:45AM	SPEAKER: Prof. Terkimbi Vange TOPIC: Global Food Security: Role of Biotechnology in Feeding a Growing Population.	
	PLENARY SESSION 2	
10:45-11:15AM	SPEAKER: Dr. Canisius Kanangire, Executive Director, AATF, Nairobi TOPIC: Biotech Crops and Sustainable Agriculture.	
	RAPPORTEURS: Saadat Abu, Abdulkabir Adedeji	

11:15-11:25 AM	QUESTIONS AND ANSWERS, DISCUSSION	MAIN CONFERENCE HALL
11:25-11:30 AM	TEA BREAK/ POSTER PRESENTATION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (ABD) FACILITATOR: Dr Rose Gidado SPEAKER: Dr. Margaret Karembu, Director, ISAAA AfriCent TOPIC: Is Communication Matching up with the New Agri-Innovations?	TBS (RM. 3)
12:15-1:00 PM	SPEAKER (30-45 mins) MODERATOR: Dr. Patrick Aderinola PANEL DISCUSSANTS 1. Dr. Sylvester Oikeh, Manager, TELA MAIZE Project, AATF, TOPIC: Advancements in Genetically Modified (GM) Set The case study of TELA MAIZE in Africa.	

TIME	ACTIVITIES AND SPEAKERS	VENUE
	2. Alhaji Yusuf Ado Kibiya, President, SEEDAN TOPIC: Seed Industry Collaboration and Partnerships	
	3. Daniel Aghan, AFSTA Nairobi Kenya TOPIC: Biotechnology and the Empowerment of African Farmers: Perspectives from Indigenous Seed Companies.	
	4. Prof. Florence Akaneme, UNN, TOPIC: The Future of Plant Breeding: Integrating Omics Technologies and Big Data Analytics.	
	RAPPORTEURS: Roseline Joseph, Anita Oketa	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15PM	TECHNICAL PANEL SESSION I (EBD)	TBS (RM. 2)
	FACILITATOR: Dr Adetunji, O.A	
	TOPIC: Ensuring Safe And Sustainable Practices: Biorisk Management Strategies In Biotechnology	
	SPEAKER: Dr. Rufus Ebegba, Former DG/NBMA	
	MODERATOR: Rufina Okeke DISCUSSANTS (10mins each) 1. Dr. Negbenebor Helen Ehimemen, Baze University, Abuja 2. Dr. Micheal Agbaje, Fed. University of Agriculture, Abeokuta 3. Dr. Yusuf Hajara Oyiza, NBRDA, Abuja 4. Prof. Beckley Ikahajiagbe, University of Benin, Edo state	
	RAPPORTEURS: Elizabeth Ojo, Funmilayo Raji	
01.00 1.200M		
01:00-1:30PM	QUESTIONS AND ANSWERS, DISCUSSION	TDC (DM 2)
11:30-12:15 PM	TECHNICAL PANEL SESSION I (MBD) FACILITATOR: Dr Barth Ibeh TOPIC: Biomed Breakthroughs: Driving Health and Prosperity	TBS (RM. 3)
	SPEAKER: Prof. Kingsley Ubaoji, Department of Biochemistry, Nnamdi Azikiwe University, Awka	
12:15-1:1:00 PM	MODERATOR: Dr. Barth Ibeh DISCUSSANTS (10mins each) 1. Dr. Emmanuel Balogun	
	RAPPORTEURS: Nkoli Emeter	
01:00-01:30 PM	QUESTIONS AND ANSWERS, DISCUSSION	

TIME	ACTIVITIES AND SPEAKERS	VENUE
11:30-12:15PM	TECHNICAL PANEL SESSION I (FIB)	TBS (RM. 4)
	FACILITATOR: Dr. G.I.B Obioh	
	TOPIC: Eco-friendly Alternatives and Bio-based Materials	
	SPEAKER: Prof. Adeniyi A. Ogunjobi , <i>University of Ibadan, Ibadan,</i> (30-45 <i>Nigeria</i>	mins)
12:15-1:00PM	MODERATOR: Dr. Nosakhare P. Ajulor	
	 PANEL DISCUSSANTS (10mins each) 1. Prof. Ifeoma B. Enweani-Nwokelo, Nnamdi Azikiwe University, Awka, Nigeria 2. Prof. N.R. Isu, University of Abuja, Abuja, Nigeria 3. Dr. Comfort Tosin Olateru, The Polytechnic Ibadan, Nigeria 4. Dr. Odunlade Albert Kolawole, Trinity University Sabo Yaba, Lagos RAPPORTEURS: Kate Akubue, Binta Adamu	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15PM	TECHNICAL SESSION I (GBD)	TBS (RM. 5)
	FACILITATOR: Dr. Oluwatoyin Ajenifujah-Solebo TOPIC: Applications of genetic engineering and genome editing to improve Agriculture in Africa. SPEAKER 1: Dr Ntui Valentine; Mohamme the VI Polytechnic University (UM6P), Morocco. MODERATOR: Dr. Oluwatoyin Ajenifujah-Solebo DISCUSSANTS 1. Frank A. Ogundolie, Biotechnologist, Baze University 2. Dr. Effiom Ita, Lecturer, University of Calabar	
	3 . Dr. Victor Fadipe, Deputy Director, STP) Federal Ministry of Science, Technology and Innovation	
	4. Mrs. Nwabueze Adaora, ARCN, Mabushi, Abuja	
	RAPPORTEURS: Okiemute Okpalefe, Rilwanu Zainab Julde	
12:15-01:00PM	TECHNICAL SESSION II	
	SPEAKER: Mr Hazeez Durosomo, Country Manager AGBL Nigeria.	
	TOPIC: Advanced Genomics Application and Technologies for Life Sciences Research	
	RAPPORTEURS: Hadiza Rasheed-Jada, Rahila Jamma Yusufu	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
01:30-02:30PM	LUNCH	

TIME	ACTIVI [*]	TIES AND	SPEAKER	S			VENUE
02:30-04:30PM	PARALLE	L TECHNIC	AL BREAK	OUT SESSI	ONS (TBS)		TBS (RM. 1-5)
	TBS Room 1 (AGB)	TBS Room 2 (EBD)	TBS Room 3 (MBD)	TBS Room 4 (FIB)	TBS Room 5 (GBD)	RAPPORTEURS Dr. Yvonne A. Onmonya Frances Isegohi Bamidele Iyekolo Hadiza Rasheed-Jada Dr. Beatrice Ojiego	
04:30-05:00 PM		UP SESSI ROM BRE		SESSION		MAIN CC HALL	ONFERENCE

ed <u>:</u>	DAY FOUR - THURSDAY 18, JULY 2024	
TIME	ACTIVITIES AND SPEAKERS	VENUE
09:00-11:30AM	NBRDA/USDA/OFAB/AATF SIDE EVENT	TBS (Rm 1)
09:00-09:45AM	PLENARY SESSION I TOPIC: Bioethics MODERATOR: Dr Mathew Dore, Country Coordinator, PBS Nigeria SPEAKER I: Dr. Chitu Princewill, Director/- Head of Secretariat, National Bioethics Committee, Nigeria: TOPIC: Nigeria's Progress in Bioethics: The Journey of the Nigerian National Bioethics Committee (NBC).	Main Conference Hall
09:45-10:35AM	PLENARY SESSION II SPEAKER II: Mr. Vitu Chinoko, OFAB Africa Manager, AATF, Nairobi, Kenya TOPIC: Addressing Societal Concerns: Ethics, Regulation, and Public Perception of Agricultural Biotechnology- SPEAKER III: Agnes Asagbra, DG/CEO, NBMA TOPIC: Regulatory Landscape for Biotech Seeds. RAPPORTEUR: Ola Ekundayo Temitope, Dr. Abdullahi Mohammed	Main Conference Hall
10:35 -10:55AM	PLENARY SESSION III SPEAKER: Adamu Abdullahi, The Ag. Executive Vice Chairman, Federal Competition and Consumer Protection Commission (FCCPC), Wuse 2, Abuja. TITLE: Consumer Perception About Biotechnology Seeds and Products RAPPORTEUR: Ola Ekundayo Temitope, Dr. Abdullahi Mohammed	Main Conference Hall
10:55-11:05AM	QUESTIONS AND ANSWERS, DISCUSSION MAIN CONFER	RENCE HALL
11:05-11:30AM	TEA BREAK/ POSTER PRESENTATION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (ABD)	TBS (RM. 1)
	FACILITATOR: Dr. Rose Gidado TOPIC: Socio-Economic Impact Assessment of GM Crops	

TIME	ACTIVITIES AND SPEAKERS	VENUE
	SPEAKER: Jose Falck-Zepeda TOPIC: Synthesis and Lessons Learned.	
	MODERATOR: Dr. Jean Baptiste De La Salle Tignegre, Regional Director, AATF, West Africa.	
	PANEL DISCUSSANTS (10 mins each) 1. Dr. Kwaw Andam, Update on the PBR cowpea evaluation 2. Jose Falck Zepeda, Update on the PBR cowpea value chain 3. Jose Falck Zepeda, Update on the Late Blight Resistant Potato	
	RAPPORTEURS: Hauwa Suleiman Salith, Hauwa Kassim	
12:15-12:45PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (EBD)	TBS (RM. 2)
	FACILITATOR: Dr Adetunji, O.A	
	TOPIC: Conserving Biodiversity: Integrating Biotechnology for Sustainable Ecosystem And Genetic Resources Management.	
	SPEAKER: Dr. Mekuleyi, Gabriel Olarinde, Lagos State University	
	MODERATOR: Ebi David	
12:15-01:00 PM	DISCUSSANTS (10mins each) 1. Dr. Salsu Nura, ABU, Zaria 2. Dr. Iloh Andrew, SHESTCO, Abuja 3. Hadiza Yaro, East-West Seed, Nigeria.	
	RAPPORTEURS: Zainab Bello, Lucky Otuokpaikhala	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (MBD)	TBS (RM. 3)
	FACILITATOR: Dr Barth Ibeh	
	TOPIC: Unlocking Health Potential: Harnessing Medical Biotechnology for Global Wellness	
	SPEAKER: Dr Emmanuel Balogun , Department of Biochemistry, Ahmadu Bello University, Zaria	
	MODERATOR: Dr. Barth Ibeh	
12:15-1:00PM	DISCUSSANT (10mins each) 1. Prof. Kingsley Ubaoji	
	RAPPORTEURS: Zainab Ibrahim, Doofan Bur	
01:00-01:30PM	PARTICIPANT INTERACTION/QUESTIONS AND ANSWER SESSION	N

TIME	ACTIVITIES AND SPEAKERS	VENUE
11:30-12:15PM	TECHNICAL PANEL SESSION I (FIB)	TBS (RM. 4)
	FACILITATOR: Dr. G.I.B Obioh	
	TOPIC: Bioeconomy and Sustainable Industrial Development SPEAKER: Prof. Ken Ife, CEO/Managing Director, Bioresources and Technologies Limited, Abuja, Nigeria	
12:15-1:00 PM	MODERATOR: Dr Beatrice Ojiego	
	 PANEL DISCUSSANTS (10mins each) 1. Prof. S.A. Ado, Ahmadu Bello University, Zaria, Nigeria 2. Prof Akeem Abolade Oyerinde, FESN - Dean, Faculty of Agriculture, University of Abuja 3. Dr. Agha Ukpai Agha, Director, National Biosafety Management Agency, Abuja, Nigeria 4. Dr Esther Ogunjimi, First Technical University, Ibadan, Nigeria 	
	RAPPORTEURS: Chidinma Umeakuna, Lovina Ogbu	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
11:30-12:15 PM	TECHNICAL PANEL SESSION I (GBD)	TBS (RM. 5)
	FACILITATOR: Dr Oluwatoyin Ajenifujah-Solebo	
	TOPIC: Developing Genome Edited Products in Africa: Prospects and Challenges	
	SPEAKER: Prof. Muhammed Bello Yerima, Deputy vice Chancellor Sokoto State University.	
	MODERATOR: Mr. Olayiwola Agoro	
12:15-01:00 PM	PANEL DISCUSSANTS (10mins each).	
	1. Prof. Oyerinde Akeem	
	2. Obasi Sunday, FMAFS 3. Dr. Zidafamor E.J.	
	4. Prof. Rebeccah Wusa Ndana, University of Abuja	
	RAPPORTEURS: Jumoke Joda, Opaleye Oyetola O.	
01:00-01:30PM	QUESTIONS AND ANSWERS, DISCUSSION	
01:30-02:30 PM	LUNCH	
02:30-04:30 PM	NBRDA/USDA/OFAB/AATF SIDE EVENT	TBS (RM. 1)
02:30-04:30PM	PARALLEL TECHNICAL BREAKOUT SESSIONS RAPPORTEURS	TBS (RM. 2-5)
	TBS TBS TBS ■ Dr. Fatima Dantank	0
	Room 2 Room 3 Room 4 Room 5 Frances Isegoghi (EBD) (MBD) (FIB) (GBD) Lovina Ogbu	
04:30-05:00PM	■ Olaitan Falana WRAP UP SESSION. MAIN CO	NFERENCE
04.50-05.00PM	REPS FROM BREAK OUT SESSION HALL	MILKENCE

DAY FIVE - FRIDAY 19, JULY 2024			
TIME	ACTIVITIES AND SPEAKERS	VENUE	
9:00-11:00 AM	Early Career Presentations and Poster Assessment	Main Conference Hall	
11:00-11:15 AM	TEA BREAK/RAPPORTEUR HARMONIZATION		
11:15-12:00 PM	Conference Closing Ceremony Presentation of award to best poster Communique Press Briefing Vote of Thanks Group Photograph	Main Conference Hall	
12:00-2:30 PM	NETWORKING/LUNCH		
2:30-5:00 PM	CITY TOUR/EXCURSION		
DEPARTURE			

*TBS: Technical Breakout Sessions



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