



**REPORT OF 2ND INTERNATIONAL CONFERENCE OF THE
NIGERIAN SOCIETY FOR MICROBIAL ECOLOGY (NSME)
HELD AT PRECIOUS CORNERSTONE UNIVERSITY,
IBADAN ON 19TH-21ST MAY, 2024**



by

Prof. Timothy O. Adejumo,
President (NSME) & Ambassador (ISME),
Nigeria

The successful event of the 2nd National International Conference of Nigerian Society for Microbial Ecology Microbial Ecology (NSME) titled **Microbial Dynamics at the Nexus of Environment: Exploring Interdisciplinary Approaches for Sustainable Environment'** took place on Monday 20th May 2024 at the Auditorium, Precious Cornerstone University, Ibadan, Nigeria.

Prof. Timothy O. Adejumo, who is currently the Vice-Chancellor of Precious Cornerstone University, Ibadan, and the National President (NSME) and Ambassador (ISME) welcomed members of the University management, Invited Speakers, Board of Trustees (BOT) members, Directors, Head of Departments, junior colleagues, other members of staff and students. He mentioned that the goal of the conference was to bring together experts from diverse fields, including microbial ecology, environmental science, biogeochemistry, microbial biotechnology, and other related disciplines to elucidate how microbial communities interact with diverse environmental factors such as climate change, pollution, and habitat degradation, to devise innovative strategies for environmental conservation and management. Through this interdisciplinary exchange, synergistic collaboration with a multifaceted approach would bring solutions that would harness the power of microbial ecosystems, paving the way for a healthier planet and a more sustainable future, as well as providing information on the International Society for Microbial Ecology (ISME); the sponsor of the event.

He defined microbial ecology and emphasized that the study could help improve our lives via the use of microbes in environmental restoration, food production, and bio-engineering of useful products such as antibiotics, food supplements, and chemicals. He emphasized that the study drives

numerous processes essential for ecosystem function, production, and sustainability like energy cycling, nutrient cycling, methane degradation, toxin processing, and environmental sustainability. One hundred and fifteen (115) participants attended the opening ceremony. This included 73 students and 35 registered participants from different universities. There was a keynote presentation titled: **Microbiomes in the Environment, Plant, Human, and Animal Health Drive Sustainable Development** by Prof. Olubukola Oluranti Babalola, North-West University, South Africa. Two lead papers were also presented by erudite professors: Lecture I: **Zoonotic Diseases and Microbial Transmission** by Prof. Kabiru Olusegun Akinyemi, Dept. of Microbiology, Lagos State University, Ojo, Lagos and Lecture II- Topic: **Researchers' Relevance in Implementing Biosafety and Biosecurity Measures in the Spirit of One Health** was presented by Prof. Festus Abiose Olajubu, Dept. of Microbiology, Adekunle Ajasin, Akungba-Akoko, Nigeria. These were followed by questions and comments. A total of 29 Abstracts was received. Eighteen (18) Abstracts were accepted for oral presentation, and 11 were for poster presentation, out of which 8 participants presented physically, and 5 presented online via Zoom. Highlights of the event included the pre-conference meeting with members of BOT, the award of Professional Fellows of NSME to seven (7) foundation members of the Society 'in recognition of their achievements as Microbial Ecologists in upholding the tenets of the Society, and their distinguished services in the comprehensive understanding of microbial life and its essential roles in sustaining life on earth': The Fellows included Prof. Jonathan Osariemen Isibor, Prof. Kabiru Olusegun Akinyemi, Prof. Festus Abiose Olajubu, Prof. (Mrs) Patricia Folakemi Omojasola, Prof. (Mrs) Afe Omolola Ekundayo, Prof. Felix Akinsola Akinyosoye and Prof. Timothy Olubisi Adejumo. There was also the First Annual General Meeting (AGM) of NSME where important decisions about the progress of the Society were made. Hosting of the 2025 Conference was conceded to Lagos State University, Ojo, Lagos.

Later, ISME and the Ambassadorship Programme were discussed, and participants were informed about ISME19 in Cape Town, South Africa. After the Conference, the Tribune and Telescope Newspapers reported the event and were forwarded to the NSME WhatsApp platform. Four (4) new members joined the NSME, while others promised constant visits to the Societies websites: <http://nsme.com.ng> and <https://www.isme-microbes.org>.



Members of PCU Management with Lead Presenters



Prof. K.O. Akinyemi, The Lead Paper I Presenter



Group Photograph of Participants at NSME 2024 Event



Vice-Chancellor receiving the Fellow NSME Award



At the AGM of NSME 2024