



Food and Agriculture  
Organization of the  
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MISSISSIPPI STATE UNIVERSITY™  
GLOBAL CENTER FOR AQUATIC  
HEALTH AND FOOD SECURITY

## Advancing Aquatic Health: Addressing Antimicrobial Resistance in Global Aquaculture

November 17, 2025

8:00–11:30AM U.S. Central Time



**Hang'ombe Bernard Mudenda, Professor of Microbiology, School of Veterinary Medicine, University of Zambia and Deputy Vice Chancellor for Research and Innovation at the Copperbelt University, Zambia ([bhangombe@unza.zm](mailto:bhangombe@unza.zm))**

Dr. Hang'ombe Bernard Mudenda is a Microbiologist and aquatic animal health practitioner working at the University of Zambia, School of Veterinary Medicine where he has actively been involved for more than 20 years in fish disease diagnosis and control. He has worked closely with the private sector especially commercial establishments growing fish under pond and cage culture systems of production. In the public sector, the involvement has been in drafting of the Zambia National Aquatic Animal Health Strategy and Implementation Plan and setting up of the fish diagnostic Laboratory at the Zambia Aquaculture Research Institute in the country. Internationally, he has been involved in Epizootic Ulcerative Syndrome (EUS) diagnosis in Africa and various programs on fish disease prevention with the African Union, Food Agriculture Organization and World Animal Health Organization. Currently the emphasis of his work is on the control of Streptococcus like infections and Epizootic Ulcerative Syndrome in farmed local tilapia species. He is further involved in capacity building of future aquatic disease practitioners in Zambia and beyond. Almost all aquatic disease practitioners in Zambia have been trained by him. Some of those trained have now become trainer of trainers to broaden the human resource in aquatic health.