

PIL OVERVIEW

The Professorial Inaugural Lecture (PIL) titled ***Trends in Biotechnology in Tanzania: Developments, Applications, and Policy Perspectives*** offers a comprehensive overview of the evolving biotechnology landscape in Tanzania. Drawing from the author's extensive research, publications, and academic experience - while also incorporating the contributions of other scholars – the Lecture presents a rich and balanced account of current developments. It explores key applications, scientific advancements, and the policy, legislative, and regulatory frameworks shaping the field. With a particular focus on Tanzania's context, the work provides insights into both present realities and future directions, making it a valuable resource for researchers, policymakers, educators, and students in biotechnology and related fields.

BIODATA

Professor Godliving Y. S. Mtui is an experienced academic, prolific researcher, and manager of higher education with a prestigious career spanning more than 30 years in biotechnology, environmental science, and microbial enzymology. He was Deputy Vice Chancellor (Academic, Research and Consultancy) at the Mbeya University of Science and Technology (MUST), Tanzania, until his recent retirement. He also held key academic leadership roles at the University of Dar es Salaam (UDSM), including Director of Postgraduate Studies, Deputy Principal – Academic Affairs (DUCE), and Head of Department of Molecular Biology and Biotechnology.

Prof. Mtui holds a PhD in Microbial Biotechnology and an MSc in Environmental Biotechnology from Kanazawa University, Japan, where he also served as Assistant Professor. He was a Visiting Researcher at Uppsala University, Sweden, and has led or participated in various international research collaborations funded by MONBUSHO, Sida-SAREC, WIOMSA, NUFFIC-MHO, Erasmus+, and the Swedish Research Council.

A seasoned researcher, Prof. Mtui has over 40 peer-reviewed journal articles, conference proceedings, and technical reports to his credit. His research interests are in the fields of microbial enzyme biotechnology, plastic biodegradation, water quality, and environmental science. He has supervised over 30 undergraduate and postgraduate research projects and served on several national scientific and academic committees, including COSTECH's National Biotechnology Advisory Committee.

Professor Mtui continues to contribute to Tanzania's scientific and academic development as a mentor, consultant, and policy advisor.

