



UMY UNIVERSITAS
MUHAMMADIYAH
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PREFACE

International Conference of Biotechnology on Community Development (ICBCD) is an international event organized by Universitas Muhammadiyah Yogyakarta (UMY), Indonesia. This conference is designated to address various issues and studies related to the topic of **“Strengthening Community Through Biotechnology for a Sustainable Green Future”**.

The conference focuses on exploring innovative biotechnological solutions that can empower communities worldwide by addressing societal and environmental challenges.

Biotechnology offers immense potential for creating sustainable solutions. From improving agricultural practices to developing renewable energy sources, biotechnology holds the key to building a more sustainable and eco-friendly future. Through cutting-edge research and interdisciplinary collaboration, the ICBCD aspires to foster innovations that will shape a more resilient, greener world. The scope covered in these conferences are:

- Agriculture Technology
- Bioengineering & Biomedical
- Biodiversity, Ecosystem, & Sustainability

This conference has participated by many researchers from Malaysia, Nigeria, Egypt, Germany, Japan, and Indonesia. The diversity could bring various opinions about community development in science and technology from other regions. The editorial board and reviewers of ICBCD 2024, being experts in their respective areas, aimed to guarantee the high quality of published papers. The publications aspire to make a significant contribution to the development of human welfare. Our sincere appreciation goes out to all the participants, keynote speakers, committees, and other individuals who contributed to the success of this conference.

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