

Preface

As we approach 2030, the deadline for achieving the Sustainable Development Goals (SDGs), efforts have been made by various levels of society. Many researchs have also been conducted to achieve the SDGs. Research in the fields of microbiology and biotechnology plays a crucial role in achieving these goals, so it is not surprising that in recent years research in these two fields has developed very rapidly.

Research in the fields of microbiology and biotechnology enables the application of microorganisms and products derived from microorganisms in various fields, such as food, agriculture, health, and the environment, which are the key areas of the SDGs. In the food and agriculture sector, microbes play a crucial role in food security such as food preservation and sustainable agriculture through biofertilizer. In the health sector, many antibiotics derived from microbes, while in the environmental sector, microorganisms are used to clean up environmental pollutants. Microorganisms contribute by providing innovative and environmentally friendly solutions in these various sectors, thereby supporting the realization of the SDGs.

ASEAN Network on Microbial Utilization (AnMicro) in Collaboration with Universitas Airlangga organized The 5th ASEAN Microbial Biotechnology Conference (AMBC) 2025, taking place from 13th June 2025 in Surabaya, Indonesia. Under the theme **“Research in Microbiology and Biotechnology for Supporting the Sustainable Development Goals”**. This conference aims to underscore the critical role of microbiological and biotechnological innovations in addressing global challenges and advancing sustainable development. AMBC 2025 showcases the latest advancements in microbiological science and biotechnology, offering a unique platform for participants to present their research connect with a vibrant global community, share groundbreaking discoveries, and contribute to shaping a sustainable future through the transformative power of microbiology and biotechnology.