

Opening Address

Welcome to the 14th International Symposium of Indonesian Society for Microbiology (ISISM), and thank you for joining us in this exciting journey of exploration and knowledge sharing. This year's theme, **Unlocking the Potential of Microbial Metabolites: From Discovery to Innovation**, reflects the growing recognition of microbial metabolites as powerful agents of change in various scientific disciplines, including medicine, biotechnology, agriculture, and environmental sustainability.

As we face global challenges such as health crises, climate change, and the need for sustainable development, microbial metabolites offer an incredible opportunity to create innovative solutions. This symposium brings together world-class researchers and experts from various fields to explore the potential of microbial metabolites, from their discovery to their transformative applications.

The abstracts presented in this book showcase the diverse and cutting-edge research that is shaping the future of microbiology. From novel bioactive compounds to the latest advancements in biotechnological applications, these contributions highlight the power of microbial metabolites to drive innovation and offer solutions to some of the world's most pressing issues.

We hope that this collection of abstracts will serve as both an informative resource and an inspiration for continued research and collaboration. Through the sharing of ideas, insights, and expertise, we aim to build a global network that will contribute to the advancement of microbiology and its applications for the betterment of society.

On behalf of the organizing committee, I extend my deepest gratitude to all of the researchers, speakers, and participants who have contributed to making this symposium possible. Moreover, I would like to express my deepest appreciation to the organizing committee who have played a pivotal role in bringing this conference to fruition. We look forward to an inspiring and productive event, and we trust that the discussions and discoveries made here will continue to inspire innovation in microbiology for years to come.

Thank you for being part of this important event, and we hope you enjoy the symposium.

Warm regards,

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The Chairman of 14th ISISM 2024