

# Preface

We are glad to introduce you that the 2025 4th International Conference on Modern Medicine Technology and Clinical Science (MMTCS 2025) was successfully held in Tokyo, Japan from August 30-31, 2025. This conference brought together innovative academics and industrial experts in the fields of modern medicine technology, pharmaceutical engineering, and clinical science and application to a common forum.

The primary goal of the conference is to promote research and developmental activities, and another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working all around the world. During the conference, the conference model was divided into three sessions, including oral presentations, keynote speeches, and Q & A discussion. All the papers have been processed to meet the requirements of international publication standard. We selected a bunch of high-quality papers and compiled them into proceedings after rigorously reviewing.

We would like to express our sincere gratitude to the distinguished keynote speakers, as well as all the participants. We also want to thank the publisher for publishing the proceedings. May the readers could enjoy and gain some valuable knowledge from the MMTCS 2025 proceedings. We are expecting more and more experts and scholars from all over the world to join this international event next year.

The Scientific Committee of MMTCS 2025

Tokyo, Japan