

## Preface

### **Xueli Chen**

Editor, Proceedings of the 7th International Conference on Biological Information and Biomedical Engineering (BIBE 2024)

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As an annual academic conference, BIBE has been successfully held over the last 7 years in Shanghai, Hangzhou, Hohhot and online platform, attracted more than 500 delegates from China, the United States, Japan, Russia, and other countries and regions since 2016.

During August 13-15, 2024, the 7th International Conference on Biological Information and Biomedical Engineering (BIBE 2024) was successfully held in Hohhot, China and online platform! This conference included keynote speeches, invited speeches, oral and poster presentations, and featured multi-topic special sessions, including: Artificial intelligence and precision medicine, Biomedical Imaging and Computing, Bioinformatics and Enzyme Engineering, Intelligent Wearable and Medical Health and Neural interface and Neuromodulation.

Prof. De-Shuang Huang from Eastern Institute of Technology, Ningbo (EIT), Prof. Bin Chen and Dong Li from Xi'an Jiaotong University, Prof. Fangxiang Wu from University of Saskatchewan, Prof. Yangchao Chen from the Chinese University of Hong Kong and Prof. Guangzhong Wang from Chinese Academy of Sciences attended the conference and delivered keynote speeches. In addition, experts and scholars from the University of Electronic Science and Technology of China, Zhejiang University, Yunnan University, Harbin Institute of Technology, Mount Sinai Center for Transformative Disease Modeling, Tianjin University of Science and Technology, and other universities and institutes shared more than 25 wonderful speeches.

This conference proceedings included 38 accepted articles selected from 91 submissions, all the papers have been through rigorous review and process to meet the requirements of international publication standard. We would like to express our gratitude to the reviewers of these manuscripts, who provided constructive criticism and stimulated comments and suggestions to the authors. We are extremely grateful as organizers, technical program committee and editors and extend our most sincere thanks to all the authors for their excellent contribution and work. Our sincere gratitude also goes to the VDE Verlag GmbH editors and managers for their helpful cooperation during the preparation of the proceedings.

On behalf of the Organizing Committee of BIBE2024.