Greetings from the Scientific Committee

On behalf of the Scientific Committee of the Sixth International Conference on Artificial Intelligence and Computational Intelligence AICI 2025 (Hanoi, Vietnam, January 5–6, 2025), we would like to welcome you to this conference.

Health issues are very important. So naturally whatever new data processing technique appears, researchers try to apply it to health issues as well. From this viewpoint, Artificial Intelligence (AI) and Computational Intelligence (CI) techniques are no exception: they have been successfully applied to medicine, and more promising applications are on the way. Applications of AI and CI techniques to health issues are the main focus of this conference. Papers presented at this conference contain applications to various health-related problems, including brain tumors, breast cancer, eye diseases, gastrointestinal diseases, lung diseases, skin diseases, spine fractures, stroke, etc.

Health issues are also very delicate, because human bodies are complex organisms. No matter how interesting and promising are new ideas and new techniques, there is always a possibility of unexpected side effects. Because of this, we cannot apply untested methods to patients, we first need to test these methods on other less critical applications. Several papers describe such applications – whose success paves the way for these methods to be used in biomedical situations. These applications include car trajectory planning, concrete engineering, curricula alignment, fish diseases, interdisciplinary research collaboration, music generation, online trading, plagiarism detection, steganography, student emotion recognition, UAV communications, etc.

We want to thank all the authors for their contributions and all anonymous referees for their thorough analysis and helpful comments.

We want to thank also all the keynote speakers, namely Professor Hung T. Nguyen (New Mexico State University, USA, and Chiang Mai University), Thailand, Professor Klaus-Peter Adlassing (Medical University of Vienna, Austria), and Professor Vladik Kreinovich (University of Texas at El Paso, USA), and all chairs of the sessions of the conference: Professor Vladik Kreinovich, Associate Professor Nguyen Hoang Phuong, Dr. Dao Nam Anh, Associate Professor Hoang Trong Minh, Dr. Xuan Tho Dang, and Dr. Nguyen Thi Huyen Chau.

This conference would not be possible without a generous help from the Thang Long University, Vietnam. Our thanks to the leadership and staff of this institution for providing crucial support.

Our special thanks to Prof. Hung T. Nguyen for his valuable advice and constant support.

We hope that this conference will help practitioners and researchers to learn more about computational intelligence techniques and their biomedical applications – and to further develop this important research direction.

Once again, many thanks to everyone, and enjoy the conference!

Nguyen Hoang Phuong, Nguyen Thi Huyen Chau, and Vladik Kreinovich