Welcome to the IEEE International Symposium on Bioinformatics and Life Science Computing (BLSC07) held in conjunction with the 21st IEEE International Conference on Advanced Information Networking and Applications (AINA 2007) at Niagara Falls, Ontario, Canada from 21-23 May 2007. Computational Biology and Life Science involves the use of technologies including biology, chemistry, medicine, computer science, engineering, mathematics, and statistics to solve difficult problems such as modeling, simulation and data visualization in biology, chemistry, medicine, genomics, and proteomics. The goal of this International Symposium is to provide a forum for biologists, computer scientists and mathematicians to share their latest research experience and discuss technical challenges in the field.

This year the Symposium received a large number of submissions from around the world. Each submission was thoroughly reviewed by at least two program committee members. We are grateful to the program committee members for submitting timely and thoughtful reviews. Based on the reviews 19 papers have been selected for presentation and publication in the conference proceedings.

We would like to express our sincere thanks to all people who directly or indirectly contributed to the success of this Symposium. In particular, we would like to thank the General co-chairs who have continuously supported us from the planning of the Symposium till the completion of the entire event. Last but not least, we would like to thank all the authors who submitted manuscripts to the Symposium. Without their support this high-quality technical Symposium would not have been possible.

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