

# Preface

The 11th edition of the International Symposium on Bioinformatics Research and Applications (ISBRA 2015) was held during June 7–10, 2015 in Norfolk, Virginia. The symposium provided a forum for the exchange of ideas and results among researchers, developers, and practitioners working on all aspects of bioinformatics and computational biology and their applications.

There were 98 submissions received in response to the call for papers. The Program Committee decided to accept 48 of them for publication in the proceedings and oral presentation at the symposium: 34 for Track 1 publication (up to 12 pages) and 14 for Track 2 (up to 2 pages). The technical program also featured invited keynote talks by four distinguished speakers: Prof. Michael Brudno from University of Toronto spoke on (computationally) solving rare disorders, Prof. Benny Chor from Tel-Aviv University spoke on what every biologist should know about computer science, Prof. Aidong Zhang from State University of New York at Buffalo spoke on dynamic tracking of functional modules in massive biological data sets, and Prof. Yang Zhang from University of Michigan spoke on protein structure prediction and protein design. Additionally, the technical program of the symposium included tutorials, poster sessions, and invited talks presented at the 4th Workshop on Computational Advances in Molecular Epidemiology (CAME 2015).

We would like to thank the Program Committee members and external reviewers for volunteering their time to review and discuss symposium papers. We would also like to thank the Chairs of CAME 2015 for enriching the technical program of the symposium with a workshop on an important and active area of bioinformatics research. We would like to extend special thanks to the Steering and General Chairs of the symposium for their leadership, and to the Finance, Publicity, Workshops, Local Organization, and Publications Chairs for their hard work in making ISBRA 2015 a successful event. Last but not least we would like to thank all authors for presenting their work at the symposium.

June 2015

Robert Harrison  
Yaohang Li  
Ion Măndoiu

Bioinformatics Research and Applications  
11th International Symposium, ISBRA 2015 Norfolk,  
USA, June 7-10, 2015 Proceedings  
Harrison, R.; Li, Y.; Măndoiu, I. (Eds.)  
2015, XXII, 446 p. 163 illus., Softcover  
ISBN: 978-3-319-19047-1