18th International Symposium on Bioinformatics Research and Applications (ISBRA)

University of Haifa, Haifa, Israel
November 14 - 17, 2022
https://mangul-lab-usc.github.io/ISBRA

COMMITTEES

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Special Issues:

SCOPE
The International Symposium on Bioinformatics Research and Applications (ISBRA) provides 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. Submissions presenting original research are solicited in all areas of bioinformatics and computational biology, including the development of experimental or commercial systems. Topics of interest include but are not limited to:

- Biomarker discovery
- Biomedical databases and data integration
- Biomedical text mining and ontologies
- Biomolecular imaging
- Comparative genomics
- Computational genetic epidemiology
- Computational proteomics
- Data mining and visualization
- Gene expression analysis
- Genome analysis
- Population genetics
- High-performance bio-computing
- Metagenomics
- Molecular evolution
- Molecular modeling and simulation
- Next-generation sequencing data analysis
- Pattern discovery and classification
- Software tools and applications
- Structural biology
- Systems biology
- AI and machine learning methods in biology and medicine
- Big data analytics in biology and medicine

PAPER SUBMISSION
Please submit extended abstracts (up to 12 pages in Springer LNCS format) via the online submission system (https://easychair.org/conferences/?conf=isbra2022). Submission implies willingness of at least one author to register and present at the symposium. The authors should choose one of the following tracks:

Track 1: Submit up to 12 pages in LNCS format for (i) publication of the extended abstract in the Springer LNBI proceedings and (ii) invitation to submit a 30-50%-extended version to ISBRA'22 special issues of IEEE/ACM Transactions on Computational Biology and Bioinformatics, Journal of Computational Biology, Tsinghua Science and Technology or FGCS (Pending Approval).

Track 2: Submit up to 12 pages in LNCS format for (i) publication of an abridged two-page abstract in the Springer LNBI proceedings and (ii) invitation to submit a full-length paper to ISBRA'22 special issues of BMC Bioinformatics, BMC Genomics or Neurocomputing (Pending Approval).

IMPORTANT DATES
Submission Deadline:	July 25, 2022
Notification:	August 25, 2022
Final Version Due:	September 7, 2022