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Nota di contenuto	Biomarker discovery -- Biomedical databases and data integration -- Biomedical text mining and ortologies -- Biomolecular imaging -- Comparative genomics -- Computational genetic epidemiology -- Computational proteomics -- Data mining and visualization -- Gene expression analysis -- Genome analysis -- High-performance bio-computing -- Metagenomics -- Molecular evolution -- Molecular modelling and simulation -- Next-generation sequencing data analysis -- Pattern discovery and classification -- Population genetics -- Software tools and applications -- Structural biology -- Systems biology.

This book constitutes the proceedings of the 13th International Symposium on Bioinformatics Research and Applications, ISBRA 2017, held in Honolulu, HI, USA, in May/June 2017. The 27 full papers presented together with 18 short papers and 24 invited abstracts were carefully reviewed and selected from 131 submissions. They cover topics such as: 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; high-performance bio-computing; metagenomics; molecular evolution; molecular modelling and simulation; next-generation sequencing data analysis; pattern discovery and classification; population genetics; software tools and applications; structural biology; and systems biology.
