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	Nota di contenuto	Introduction -- IPCV 2020 -- Image Processing -- Computer Vision -- Pattern Recognition -- HIMS 2020 -- Information Technologies for Healthcare Delivery and Management -- Health Data Acquisition, Management and Visualization -- Healthcare Knowledge Management and Decision Support -- Healthcare Modeling and Simulation -- Data Analytics, Data Mining and Machine Learning -- Health Information Systems -- Clinical Informatics -- Integrated Data Repository -- BIOCOMP 2020 -- Bioinformatics and Big Data -- Big Data in genomics and cancer research -- Microarrays -- Bioinformatics and new cloud resources -- Molecular dynamics and simulation -- Molecular

interactions -- Molecular sequence classification, alignment and assembly -- Molecular sequence and structure databases -- Computational Systems Biology -- Gene pattern discovery and identification -- Gene expression analysis; Gene expression databases -- Proteomics; Protein folding and fold recognition -- BIOENG 2020 -- Medical Devices -- Modeling and Simulation -- Biomechanics -- Biomedical Imaging and Optics -- Biomedical and Nanomedical Systems -- Biomaterial -- Conclusion.

Sommario/riassunto	The book presents the proceedings of four conferences: The 24th International Conference on Image Processing, Computer Vision, & Pattern Recognition (IPCV'20), The 6th International Conference on Health Informatics and Medical Systems (HIMS'20), The 21st International Conference on Bioinformatics & Computational Biology (BIOCOMP'20), and The 6th International Conference on Biomedical Engineering and Sciences (BIOENG'20). The conferences took place in Las Vegas, NV, USA, July 27-30, 2020, and are part of the larger 2020 World Congress in Computer Science, Computer Engineering, & Applied Computing (CSCE'20), which features 20 major tracks. Authors include academics, researchers, professionals, and students. Presents the proceedings of four conferences as part of the 2020 World Congress in Computer Science, Computer Engineering, & Applied Computing (CSCE'20); Includes the tracks on Image Processing, Computer Vision, & Pattern Recognition, Health Informatics &Medical Systems, Bioinformatics, Computational Biology & Biomedical Engineering; Features papers from IPCV'20, HIMS'20, BIOCOMP'20, and BIOENG'20.