Special Issue

Emerging Technologies for Medical Imaging - Diagnostics, Monitoring and Therapy of Cancers

Message from the Guest Editors

In the area of emerging approaches in personalized medicine, the diagnostic accuracy of tests, either imaging, lab values or genetic measures is one of the main cornerstones for its success. a theranostic approach using targeted radionuclide therapy has unique promise for personalized treatment of cancer, as both the targeting vehicle and the radionuclide can be tailored to the individual patient. In addition, the related information of medical imaging is used in initial decision making as well as in the monitoring of running therapies. Coming with the exponential development of information technologies and the extraordinary capacity of current software developments, with an important aspect being the ability to process huge amounts data in a very short time frame, imaging technologies as well as post processing approaches of imaging data have made an important progression. In this Special Issue we would like to focus on new hardware and software developments that provide promising new aspects for improving patient care. Last but not least, the very important aspect of the use of artificial intelligence in image data acquisition, evaluation and postprocessing will be highlighted.

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine*'s (*JCM*) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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