

Special Issue

Medical Imaging for Disease Prediction and Prevention

Message from the Guest Editor

In medicine the early detection of pathologies compromising public health is becoming increasingly important. Medical imaging and new imaging techniques play a central role in disease prediction and prevention. Recent literature has described both advances in the identification of pathologies in medicine and dentistry using MRI and new techniques for detection of initial disease predisposing conditions. In addition to the preventive aspect, precise imaging is also relevant for planning of surgical interventions. In addition to CT, cone beam CT and PET/CT, high-resolution MRI is becoming more and more of interest in research but also in clinical implementation. Papers addressing the early detection medical and dental pathologies as well as image-based therapy planning in surgery are welcome in this special issue. The focus should be on the clinical and practical aspects of medical imaging.

Guest Editor

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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