



Radiation Detectors and Sensing Technologies for Biomedical Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The medical sensors market is expected to grow another 10% in the next few years due to the increasing demand for novel technologies that provide more accurate medical healthcare information and improve patients' quality of life.

Various detectors and sensing technologies has been used so far to convert different types of radiation (X-ray, light), flow, magnetic fields, pressure, temperature, humidity, etc. into biomedical signals. Every specific biomedical modality has distinct requirements for the sensor's properties, such as detection efficiency, long term stability, flexibility, transparency, biocompatibility, etc.

The aim of this Special Issue is to highlight state-of-the-art research in radiation detectors and sensing technologies, as well as the existing challenges and future developments in biomedical applications.

Dr. Christos M. Michail
Guest Editor





sensors



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Message from the Editor-in-Chief

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