Special Issue

Imaging-Based Diagnosis of Prostate Cancer: State of the Art

Message from the Guest Editor

This Special Issue of *Diagnostics*, entitled "Imaging-Based Diagnosis of Prostate Cancer: State of the Art", compiles articles on a number of research areas, such as, but not restricted to:

- Scanning patients with suspected PCa with a number of imaging modalities, such as multi-parametric MRI, fused with ultrasound, Positron Emission Tomography combined with Computed Tomography (PET/CT) have been used to detect prostate cancer and localize the lesion.
- Enhancement to AI applied to MP-MRI through refinements of neural algorithms, texture generation.
- Combining patient data with imaging to predict clinically significant prostate cancer (csPCa).
- Applying supervised and unsupervised target detection algorithms to spatially registered multi-parametric MRI to assess prostate cancer.
- Spatial registration techniques.
- Incorporating and combining novel biomarkers with imaging to predict clinically significant prostate cancer.
- Comparison of results from different clinics, clinical situations (i.e., different magnetic fields).

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2024)

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About the Journal

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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