

## Special Issue

# Advances in Diagnosis and Management of Prostate Cancer, Second Edition

### Message from the Guest Editor

Prostate cancer (PCa) is the second most commonly diagnosed cancer in men worldwide. Currently, screening for PCa remains one of the most controversial topics in the urological literature. However, an individualized risk-adapted strategy for early detection may still be associated with a substantial risk of over-diagnosis. It is therefore essential to further “tune-up” criteria for opportunistic or systematic screening programs. Imaging in prostate cancer offers many research opportunities. For example, new sonographic modalities (such as micro-Doppler detection, sono-elastography contrast-enhanced US, or high-resolution micro-US) have provided promising preliminary findings and are gaining increasing interest. Finally, in the context of prostate cancer diagnosis, the role of machine learning and artificial intelligence (AI) in the identification of suspicious areas in a prostate MRI, and in assigning a Gleason score at pathology, is still under debate. The aim of this Special Issue of *Diagnostics* is to provide new insights into the diagnosis and management of prostate cancer.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 May 2025)



## Diagnostics

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CiteScore 5.9  
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