



## Advances in Diagnosis and Management of Prostate Cancer

Guest Editor:

### Dr. Francesco Chierigo

Department of Urology, Azienda  
Ospedaliera Universitaria SS.  
Antonio e Biagio e Cesare Arrigo,  
Alessandria, Italy

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### Message from the Guest Editor

Prostate cancer (PCa) is the second most commonly diagnosed cancer in men worldwide. The aggressiveness of tumors varies, ranging from non-aggressive tumors, which can be safely monitored, to tumors with a poor prognosis, which are only suited to palliative treatment.

Currently, screening for PCa remains one of the most controversial topics in the urological literature. Imaging in prostate cancer offers many research opportunities. For example, new sonographic modalities such as micro-Doppler, sono-elastography contrast-enhanced US or high-resolution micro-US have provided promising preliminary findings, and are gaining increasing interest.

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.





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## Editor-in-Chief

### Prof. Dr. Andreas Kjaer

Department of Clinical  
Physiology, Nuclear Medicine &  
PET National University Hospital,  
Rigshospitalet, University of  
Copenhagen, Blegdamsvej 9, DK-  
2100 Copenhagen, Denmark

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*Diagnostics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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