

## Special Issue

# Renal Cell Carcinoma: From Diagnosis to Identification of Novel Therapeutic Targets and Minimally Invasive Treatments

### Message from the Guest Editors

Renal cell carcinoma (RCC) is the most frequent malignancy affecting the adult kidney and the twelfth most common cancer. The pathophysiology of RCC is complex and arises from a combination of gene mutations (i.e., VHL, PBR1, SETD2, BAP1, etc.) in addition to other factors such as diabetes, obesity, smoking, and hypertension. In the early stages, the disease is frequently asymptomatic and incidentally diagnosed by imaging, having a good prognosis; conversely, RCC has a high mortality rate in advanced phases, due to poor responses to radiotherapy and chemotherapy. The progressive introduction of high-throughput technologies and recent studies of molecular and genomic profiling have shed new light on the pathophysiology of RCC. Moreover, in recent years, there has been a growing interest in identifying tumor markers not only for diagnostic purposes but also to improve the predictive power of clinical and pathological parameters. This Special Issue of *Diagnostics* aims to collect studies on minimally invasive treatment and translational research for the management and diagnosis of renal cell carcinoma (RCC). This is the joint Special Issue both in *Biomedicines* and *Diagnostics*.

### Guest Editors

Dr. Matteo Ferro  
Prof. Dr. Andrea Minervini  
Prof. Dr. Alessandro Antonelli  
Dr. Angelo Porreca  
Prof. Dr. Giuseppe Lucarelli  
Prof. Dr. Michele Battaglia  
et al.

### Deadline for manuscript submissions

closed (31 August 2022)



## Diagnostics

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Impact Factor 3.3  
CiteScore 5.9  
Indexed in PubMed



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*Diagnostics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[diagnostics@mdpi.com](mailto:diagnostics@mdpi.com)

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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.

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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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