

## Special Issue

# Renal Cell Carcinoma: Novel Insights into Pathophysiology, Diagnosis and Therapy

### Message from the Guest Editor

Renal cell carcinoma (RCC) is among the top 10 malignancies affecting adults globally. In the early stages, the disease is frequently asymptomatic and incidentally diagnosed by imaging, having a good prognosis. Conversely, ccRCC has a high mortality rate in advanced phases due to poor responses to radiotherapy and chemotherapy. Over the last decade, significant progress has been made in identifying molecular alterations driving ccRCC development thanks to the progressive use of high-throughput technologies. In addition, the introduction of robotic surgery and novel targeted therapies have shed new light on the treatment of RCC. This Special Issue of the *International Journal of Molecular Sciences* is dedicated to studies exploring the application of different approaches to understand the alterations of biological systems occurring in the pathogenesis of RCC, as well as minimally invasive treatment and translational research for the diagnosis and management of this tumor.

### Guest Editor

Prof. Dr. Giuseppe Lucarelli

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### Deadline for manuscript submissions

closed (20 March 2025)



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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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