



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

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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