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The Emerging Field of Onco-Nephrology: Complex Interaction between Cancer and Kidneys

Guest Editors:

Dr. Vincenzo L'Imperio

Department of Medicine and Surgery, Pathology, Fondazione IRCCS San Gerardo dei Tintori, 20900 Monza, MB, Italy

Prof. Dr. Fabio Pagni

School of Medicine and Surgery, University of Milano-Bicocca, Via Cadore 28, 20900 Monza, Italy

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Message from the Guest Editors

Onco-nephrology is a recently introduced sub-speciality focused on the complex interplay between kidneys and cancer. This interaction can present with protean manifestations, all embraced by this emerging medical field, from the drug-induced nephrotoxicity to paraneoplastic glomerulonephritis. Moreover, a comprehensive understanding of the complex molecular mechanisms that underpin some of these forms, as monoclonal gammopathies of renal significance (MGRS), is required for the transition towards a precision medicine approach in this field.

The present special issue will focus on different renal diseases during cancer, with a particular attention on the pathogenetic, diagnostic and therapeutic aspects of:

monoclonal gammopathy of renal significance
drug and immunotherapy-induced nephrotoxicity
acute kidney injury and chronic kidney disease
kidney disease in stem cell transplantation
electrolyte disorders



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Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

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Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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