

Special Issue on
**Cancers after Kidney Transplantation: New Insights into
Diagnosis and Therapy**

CALL FOR PAPERS

Kidney transplantation is currently considered the best therapeutic option for end-stage renal failure, as it leads to a better quality of life and longer survival than dialysis, together with considerable amelioration or resolution of the most common dialysis-related complications. However, the need of a lifelong immunosuppression results in a dramatically increased risk of cancer, which is currently second to cardiovascular disease among causes of morbidity and death with functioning graft in renal transplant recipients.

A large body of evidence indicates a 3- to 5-fold increase in the overall cancer incidence in transplanted patients compared with the nontransplanted general population, with a worldwide consistent pattern of risk increase for tumors at various sites. Highest frequencies have been shown for nonmelanoma skin cancers, PTLD (posttransplant lymphoproliferative disease), non-Hodgkin lymphoma, renal cell carcinoma, Kaposi sarcoma, and cancers of the anogenital tract. Different types of tumors can relapse, occur de novo, or be transmitted by donor kidneys.

Given that prevention of morbidity and mortality related to posttransplant cancers is of paramount importance in the management of posttransplant phase, several efforts are still needed to improve early cancer diagnosis, overall prognosis, screening, clinical monitoring, and treatment strategies in transplanted patients.

Nowadays, the main challenge in the field of posttransplant malignancy is to answer prognostic questions by developing a cancer staging system to classify critical tumor characteristics, by supporting the clinicians to select the most appropriate therapeutic options, with the aim of stratifying patients according to their rate of cancer progression.

For this special issue of BioMed Research International, we encourage the authors to provide their previous and ongoing experience regarding diagnosis, etiology, prognosis, novel approaches to cancer screening, and clinical management of the most common types of cancers occurring after renal transplantation.

Review articles describing the current state of the art on the above-mentioned issues are also welcome.

Potential topics include but are not limited to the following:

- ▶ Cancers after renal transplantation (editorial)
- ▶ Clinical and pathological features of renal cell carcinoma in the transplanted kidney
- ▶ Posttransplant lymphoproliferative disorder following kidney transplantation: a case report and literature review
- ▶ Cancers and kidney transplantations in the region Emilia-Romagna of Italy: prevalence, in-hospital mortality, and gender
- ▶ P2 receptors and mTOR signalling pathway: possible insights into the treatment of cancers after renal transplantation

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/bmri/nephrology/cktn/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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