



Updates on Renal Transplantation and Its Complications

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Message from the Guest Editors

Despite good short-term results, long-term patient and graft survival after renal transplantation has not improved significantly over the past decades. Physicians and patients still face the challenges of immunological hurdles, infections, cancers and metabolic complications related to the burden of immunosuppression.

For hypersensitized patients, an exciting treatment has emerged with Ig-G-degrading enzymes, enabling them to access kidney transplantation after a long waiting period. Machine perfusion technology has also improved in recent years, leading to the reduction of the negative impact of ischemia-reperfusion injury. New therapeutic agents in the field of diabetes with proven efficacy in slowing the progression of chronic kidney disease are also promising for controlling cardiovascular risk factors and protecting allograft function in kidney transplant recipients.

In this Special Issue, we seek reviews and original articles that highlight the recent advances in the understanding and management of complications encountered after kidney transplantation. Unraveling the pathophysiology and adequate management will help improve long-term outcomes.





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