



Recent Advances and Innovations in Kidney and Pancreas-Kidney Transplantation

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Message from the Guest Editors

Since the first kidney transplantation in the year 1954 by Joseph Murray in Boston, kidney transplantation has developed into a procedure with brilliant results based on improvements and advances in immunosuppression, surgical transplant techniques, organ allocation, and the optimization of organ procurement.

Within the last several years, the challenge in renal transplantation has become to maintain or even improve the excellent results from the past under worsening conditions by addressing organ quality and long-term transplant success, for example, using machine perfusion, advances in the diagnostics and therapy of immunological complications (antibody-mediated rejection, anti HLA-antibodies, etc.), minimizing immunosuppression, using minimally invasive surgical techniques (e.g., robotic surgery), optimizing anti-infective regimes, and/or rethinking organ allocation and recipient selection.

In this joint Special Issue of the *Journal of Clinical Medicine* and *Transplantation*, we want to invite you to describe the recent advances, new technologies, and latest developments in the field of renal and pancreas transplantation.





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