

Special Issue

Kidney Transplantation— Clinical and Surgical Challenges II

Message from the Guest Editors

Kidney transplantation is universally considered the treatment of choice for end-stage renal disease. In the last two decades, tremendous advances in surgical care and immunosuppressive therapy have led to a significant reduction of peri-operative mortality and morbidity as well as cell-mediated rejection rates. However, long-term allograft survival has not improved as we would have expected. Currently, the main causes of premature transplant loss are death with function, antibody-mediated rejection, polyomavirus-associated nephropathy, and calcineurin-inhibitor nephrotoxicity. Albeit less frequently, late vascular and urological complications such as renal artery stenosis, post-biopsy arteriovenous fistulas, ureteric stricture, or allograft neoplasms do also play a role. The present Special Issue intends to explore the impact of clinical and surgical complications on long-term renal allograft survival as well as to analyze possible prevention and treatment strategies. Both common and rare complications will be considered with the option of including narrative reviews and case reports of particular interest or exceptional didactical value.

Guest Editors

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