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Novel Horizons in the Lung Transplantation Field: Tomorrow Comes Today

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Message from the Guest Editors

The aim of this Special Issue is to summarize the best evidence regarding the most recent advancements in the lung transplantation field. We are collecting the most significant findings in both research and clinical studies concerning lung transplantation.

We will explore the current use of different ex vivo perfusion techniques, including their limitations and drawbacks, as well as experiences of prolonged preservation. We will discuss the current strategies for the expansion of the donor pool, including marginal donors and donors after cardiac death (DCD) programs, as well as their long-term outcomes. Due to recent successes in the field of xenotransplantation, we will assess in the current state-of-the-art this field and current research on artificial organs. We also would like to discuss the most promising and advanced treatments for chronic and acute rejection, immunosuppression protocols, and biomarkers for the evaluation of long-term outcomes. Another interesting topic to assess would be prophylaxis and treatment of infections related to MDR and atypical pathogens. The final part of the Special Issue will be dedicated to the role of LTX during the COVID-19 pandemic.



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Special Issue



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Message from the Editor-in-Chief

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