

Special Issue

Current Status and Future Trends in Lung Transplantation

Message from the Guest Editors

Lung transplantation has evolved rapidly in recent years. While the COVID-19 pandemic produced a completely new set of candidates for lung support and replacement, new techniques in organ preservation have expanded the pool of available donor organs. Extracorporeal perfusion and preservation of donor organs provide the possibility to measure organ function and improve organ quality. As ECMO has generally evolved as a much safer technology to support patients in advanced lung failure, pre- and post-transplant mechanical support is taking on a bigger role in lung transplantation. Improvements in intensive care and pre- and post-transplant rehabilitation have had a significant impact on early and long-term success. These topics will be addressed in this Special Issue. The papers will be designed to give the internal medicine practitioner a solid understanding of where lung transplantation stands today and what benefits can be expected for patients suffering from end-stage lung disease.

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