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# Reflecting on an Intense Year for Transplant International

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## OPEN ACCESS

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The spirit of *Transplant International* is characterized by anticipation of the developments lying ahead and attempt to grow through generated opportunities. In an increasingly digital world and amid growing concerns for the environment, we adopted a paperless format years before our competitors. We have taken advantage of the potential offered by digitalization and designed a journal with a completely novel appearance, with the animated covers as a hallmark (1). Open science, embodied in the FAIR acronym (Findability, Accessibility, Interoperability, Reusability), is not only a self serving principle but has become a requirement from academic institutions to their scholars. Also, and more compellingly, most funding agencies increasingly demand that scientific outputs resulting from public financial support be made freely available (2). We strongly believe that these changes are here to stay and that all scientific research will be published open access in the near future. In line with all these important changes, and to further adapt to these challenging times, we have made our selection of a new publisher and opted to move to gold open access in 2022 (3). This change was very well adopted by the community and resulted in close to 250, carefully peer reviewed, high-quality articles published in regular or special issues in 2022. We would like to thank the authors who have chosen *Transplant International* to publish their cutting-edge research. In this issue, we also wish to highlight the articles that have received the most attention in 2022 and congratulate their authors. Our thanks also go to our executive and associate editors and our reviewers, whose work and expertise are the bedrock of *Transplant International*. Happy New Year and may 2023 bring exciting achievements to all!

## TOP 10 2022 MOST CITED ARTICLES

Bio-Engineering of Pre-Vascularized Islet Organoids for the Treatment of Type 1 Diabetes	Wassmer et al.
Immune Response to Third Dose BNT162b2 COVID-19 Vaccine Among Kidney Transplant Recipients—A Prospective Study	Yahav et al.
Machine Perfusion for Human Heart Preservation: A Systematic Review	Qin et al.
BNT162b2 Third Booster Dose Significantly Increases the Humoral Response Assessed by Both RBD IgG and Neutralizing Antibodies in Renal Transplant Recipients	Hod et al.
Sense and Sensibilities of Organ Perfusion as a Kidney and Liver Viability Assessment Platform	Verstraeten et al.
Comparison of mRNA-1273 and BNT162b2 SARS-CoV-2 mRNA Vaccine Immunogenicity in Kidney Transplant Recipients	Haller et al.
Perfusate Composition and Duration of <i>Ex-Vivo</i> Normothermic Perfusion in Kidney Transplantation: A Systematic Review	Fard et al.
Surrogate Endpoints for Late Kidney Transplantation Failure	Naesens et al.
Kidney Transplants From Donors on Extracorporeal Membrane Oxygenation Prior to Death Are Associated With Better Long-Term Renal Function Compared to Donors After Circulatory Death	Gregorini et al.
Kidneys for Sale: Empirical Evidence From Iran	Moeindarbari et al.

## TOP 10 2022 HIGHEST ATTENTION ARTICLES (ALTMETRIC SCORES)

European Guideline for the Management of Kidney Transplant Patients With HLA Antibodies: By the European Society for Organ Transplantation Working Group	Mamode et al.
Insights From Transplant Professionals on the Use of Social Media: Implications and Responsibilities	Sandal et al.
Kidneys for Sale: Empirical Evidence From Iran	Moeindarbari et al.
Gender and Racial Disparity Among Liver Transplantation Professionals: Report of a Global Survey	Aguilera et al.
Donor Autonomy and Self-Sacrifice in Living Organ Donation: An Ethical Legal and Psychological Aspects of Transplantation (ELPAT) View	Mamode et al.
From Haphazard to a Sustainable Normothermic Regional Perfusion Service: A Blueprint for the Introduction of Novel Perfusion Technologies	Hunt et al.
Criminal, Legal, and Ethical Kidney Donation and Transplantation: A Conceptual Framework to Enable Innovation	Roth et al.
Kidneys for Sale: Are We There Yet?	Jackson et al.
Kidneys for Sale? A Commentary on Moeindarbari's and Feizi's Study on the Iranian Model	Ambagtsheer et al.
An Analysis by the European Committee on Organ Transplantation of the Council of Europe Outlining the International Landscape of Donors and Recipients Sex in Solid Organ Transplantation	Cozzi et al.

## TOP 10 2022 MOST DOWNLOADED ARTICLES

European Guideline for the Management of Kidney Transplant Patients With HLA Antibodies: By the European Society for Organ Transplantation Working Group	Mamode et al.
Bio-Engineering of Pre-Vascularized Islet Organoids for the Treatment of Type 1 Diabetes	Wassmer et al.
Proposed Definitions of T Cell-Mediated Rejection and Tubulointerstitial Inflammation as Clinical Trial Endpoints in Kidney Transplantation	Seron et al.
Evolution of the Definition of Rejection in Kidney Transplantation and Its Use as an Endpoint in Clinical Trials	Becker et al.
Plasma Biomarkers for Clinical Assessment of Bone Mineral Density in Heart Transplanted Patients—A Single-Center Study at Skåne University Hospital in Lund	Löfdahl et al.
Sense and Sensibilities of Organ Perfusion as a Kidney and Liver Viability Assessment Platform	Verstraeten et al.
Metagenomic Next-Generation Sequencing for Diagnosing Infections in Lung Transplant Recipients: A Retrospective Study	Ju et al.
Prolonged-Release Once-Daily Formulation of Tacrolimus Versus Standard-of-Care Tacrolimus in <i>de novo</i> Kidney Transplant Patients Across Europe	Budde et al.
Demonstrating Benefit-Risk Profiles of Novel Therapeutic Strategies in Kidney Transplantation: Opportunities and Challenges of Real-World Evidence	Helanterä et al.
Perfusate Composition and Duration of <i>Ex-Vivo</i> Normothermic Perfusion in Kidney Transplantation: A Systematic Review	Fard et al.

## TOP 10 2022 MOST VIEWED ARTICLES

Kidneys for Sale: Empirical Evidence from Iran	Moeindarbari et al.
Comparison of mRNA-1273 and BNT162b2 SARS-CoV-2 mRNA Vaccine Immunogenicity in Kidney Transplant Recipients	Haller et al.
European Guideline for the Management of Kidney Transplant Patients With HLA Antibodies: By the European Society for Organ Transplantation Working Group	Mamode et al.
Bio-Engineering of Pre-Vascularized Islet Organoids for the Treatment of Type 1 Diabetes	Wassmer et al.
Kidneys for Sale: Are We There Yet?	Jackson et al.
Cardiac Xenotransplantation: Progress in Preclinical Models and Prospects for Clinical Translation	Singh et al.
From Haphazard to a Sustainable Normothermic Regional Perfusion Service: A Blueprint for the Introduction of Novel Perfusion Technologies	Hunt et al.
Patient Selection for Downstaging of Hepatocellular Carcinoma Prior to Liver Transplantation—Adjusting the Odds?	Seehofer et al.
Mortality and Causes of Death After Liver Transplantation: Analysis of Sex Differences in a Large Nationwide Cohort	Serrano et al.
Donor Autonomy and Self-Sacrifice in Living Organ Donation: An Ethical Legal and Psychological Aspects of Transplantation (ELPAT) View	Mamode et al.

## EDITORS' PICKS: 2022 COVER ARTICLES

January	Bio-Engineering of Pre-Vascularized Islet Organoids for the Treatment of Type 1 Diabetes	Wassmer et al.
February	Prolonged Organ Extraction Time Negatively Impacts Kidney Transplantation Outcome	Maassen et al.
March	Cardiac Xenotransplantation: Progress in Preclinical Models and Prospects for Clinical Translation	Singh et al.
April	Patient Selection for Downstaging of Hepatocellular Carcinoma Prior to Liver Transplantation—Adjusting the Odds?	Seehofer et al.
May	A National Survey Comparing Patients' and Transplant Professionals' Research Priorities in the Swiss Transplant Cohort Study	Beckmann et al.
June	Kidneys for Sale: Empirical Evidence From Iran	Moeindarbari et al.
July	Artificial Intelligence: Present and Future Potential for Solid Organ Transplantation	Peloso et al.
August	Equity in Transplantation: A Commitment for Progress in Troubled Times	Berney et al.
September	Physical Effects, Safety and Feasibility of Prehabilitation in Patients Awaiting Orthotopic Liver Transplantation, a Systematic Review	Jetten et al.
October	Outcome of COVID-19 in Kidney Transplant Recipients Through the SARS-CoV-2 Variants Eras: Role of Anti-SARS-CoV-2 Monoclonal Antibodies	Papadimitriou-Oliveris et al.
November	Outcomes After Liver Transplantation With Incidental Cholangiocarcinoma	Safdar et al.
December	Association of DGF and Early Readmissions on Outcomes Following Kidney Transplantation	Jadlowiec et al.

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## APPENDIX

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