Special Issue

Role of IgM/IgG Donor-Specific HLA Antibodies (DSAs) in Humoral Immune Reactions against Transplanted Grafts

Message from the Guest Editors

Currently, organ transplants are performed throughout the world. The success of this versatile life-saving procedure largely rests on the development of effective immunosuppressive therapies that prevent rejection of transplanted organ tissue. Most of the established immunosuppressive therapies have targeted the regulation and suppression of allo-reactive T cells. On the other hand, the management for the antibody-mediated allograft rejection still remains challenging. In this Special Issue, we welcome authors to submit Original Research Articles and Review Articles focusing on, but not limited to, the following subtopics:

- Clinical and basic findings that focus on the use of both IgM and IgG antibodies to monitor the humoral immune response to donor-antigens.
- Exploration of various means for effective immunosuppression that will at the same time prevents virus infection without promoting antibody-mediated allograft rejection development.
- Examination of the most appropriate and effective administration procedures of mTOR inhibitors in order to protect the transplanted tissues from immunological attack and simultaneously to prevent virus infection.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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