

Objectives



Examine the evolving understanding of the pathophysiology of Antibody-Mediated Rejection (ABMR).



Evaluate current diagnostic techniques for AMR, including histopathology, DSA detection, and molecular testing.



Explore existing treatment options, ranging from traditional therapies to new biologics.



Pinpoint significant challenges and potential opportunities in managing ABMR to enhance long-term graft survival.

Introdcution



Antibody-mediated rejection (ABMR) was first formally described as a clinicopathological diagnosis in the Banff 97 classification.



ABMR has emerged as the leading cause of late graft loss in kidney transplant recipients.



Chronic active ABMR (caABMR), defined by transplant glomerulopathy, evidence of antibody-antigen interactions, and serologic evidence of donor-specific antibodies (DSAs), is the most important cause of late graft failure.

