

## B Cell Tolerance in Transplantation

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I will review basic concepts in Transplantation Tolerance, especially focus on a discussion of some of the recent clinical data that implicate profound changes in B cell phenotype associated with spontaneous tolerance in renal transplant recipients. I will also provide an overview of preclinical data from experimental models that are being developed to understand the fate of alloreactive B cells and their roles in the maintenance of transplantation tolerance. Finally the emerging role of regulatory B cells will be reviewed and discussed.