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genomic analyses provide new insights into the mechanisms of protection against Type 1 diabetes; Discussion
Seven surprises in the TCR-centred regulation of immune responsiveness in an autoimmune system Discussion; Regulatory cells in transplantation; Discussion; CD4(+) regulatory T cells in chronic viral infection; Discussion; General discussion II; Modulation of T cell responses after cross-talk between antigen presenting cells and T cells: a give-and-take relationship; Discussion; Dendritic cells: controllers of the immune system and a new promise for immunotherapy; Discussion; Regulation of viral and autoimmune responses; Discussion; General discussion III Active immune regulation
Notch signalling in the peripheral immune system Discussion; CD3 antibody treatment stimulates the functional capability of regulatory T cells; Discussion; The role of dendritic cells in regulating mucosal immunity and tolerance; Discussion; Index of contributors; Subject index

Sommario/riassunto

Over the last several years, immunologists have re-discovered the importance of regulatory lymphocytes, formerly termed 'suppressor cells'. Many recent reports have documented their existence, effector functions and potential therapeutic benefits in autoimmunity and transplantation. However, even though modern techniques have allowed us to get a much more detailed picture of these cells, they are still highly controversial. Several unresolved issues responsible for this dilemma are discussed in this book: it is difficult to grow and clone such cells, their phenotypes and effector functions are
