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Nota di contenuto	GENERATION AND EFFECTOR FUNCTIONS OF REGULATORY LYMPHOCYTES; Contents; Participants; Chair's introduction; Thymic generation and selection of CD25(+)CD4(+) regulatory T cells: implications of their broad repertoire and high self-reactivity for the maintenance of immunological self-tolerance; Discussion; Control of T cell activation by CD4(+)CD25(+) suppressor T cells; Discussion; Regulation of experimental autoimmune encephalomyelitis (EAE) by CD4(+)CD25(+) regulatory T cells; Discussion; The role of CD28 and CTLA4 in the function and homeostasis of CD4(+)CD25(+) regulatory T cells DiscussionCD4(+)CD25(+) regulatory cells from human peripheral blood express very high levels of CD25 ex vivo; Discussion; Control of immune pathology by regulatory T cells; Discussion; General discussion I TGFB; Type 1 T regulatory cells and their relationship with CD4(+)

CD25(+) T regulatory cells; Discussion; (PRO)insulin-specific regulatory T cells; Discussion; CD1d-restricted NKT regulatory cells: functional 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 systemDiscussion; 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

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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
