Record Nr. UNINA9910829925903321 Immunological tolerance [[electronic resource] /] / [editors, Gregory R. **Titolo** Bock (organizer) and Jamie A. Goodel Pubbl/distr/stampa Chichester;; New York,: J. Wiley & Sons, 1998 **ISBN** 1-282-12249-5 9786612122491 0-470-51552-X 0-470-51553-8 Descrizione fisica 1 online resource (250 p.) Collana Novartis Foundation symposium:: 215 **BockGregory** Altri autori (Persone) GoodeJamie Disciplina 571.96 616.079 Soggetti Immunological tolerance **Autoimmunity** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "Symposium on Immunological Tolerance, held at the Novartis Foundation, London, 8-10 July 1997"--P. v. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto IMMUNOLOGICAL TOLERANCE; Contents; Participants; Introduction; Mechanisms of peripheral T cell tolerance; B cell antigen receptor signalling in the balance of tolerance and immunity; General discussion I; The study of self-tolerance using murine haemoglobin as a model self antigen; Tolerance and determinant hierarchy; Molecular genetic studies in lymphocyte apoptosis and human autoimmunity; General discussion II; A role for CTLA-4-mediated inhibitory J signals in peripheral T cell tolerance? Antigen-specific CD4+ T cells that survive after the induction of peripheral tolerance possess an intrinsic lymphokine production defectAntigen-specific tolerance induction and the immunotherapy of experimental autoimmune disease; Quantitative and qualitative control of antigen receptor signalling in tolerant B lymphocytes; Tolerance

induction with CD4 monoclonal antibodies; A two-step model for the induction of organ-specific autoimmunity; Cross-presentation of self

antigens to CDW T cells: the balance between tolerance and

autoimmunity; General discussion III

Tolerance induction in mature T lymphocytesT lymphocyte-mediated control of autoimmunity; Final general discussion; Index of contributors; Subject index

Sommario/riassunto

This book brings together material on all aspects of immunological tolerance. Basic mechanisms of tolerance are examined in detail, including mechanisms of peripheral T cell tolerance, molecular and genetic mechanisms for maintaining self tolerance, partial T cell activation, and the role of apoptosis in tolerance. Careful consideration is also given to the clinical applications of our understanding of immunological tolerance, with specific chapters dealing with T cell activation during tumour therapy, antiantigen specific immune suppression, tolerance in infectious diseases, tolerance during