Record Nr. UNINA9910144738803321 The molecular basis of cellular defence mechanisms [[electronic **Titolo** resource]] Pubbl/distr/stampa Chichester;; New York,: Wiley, 1997 **ISBN** 1-282-34802-7 9786612348020 0-470-51528-7 0-470-51529-5 Descrizione fisica 1 online resource (263 p.) Collana Ciba Foundation symposium:: 204 Altri autori (Persone) **BockGregory** GoodeJamie Disciplina 571.6 616.079 Soggetti Molecular immunology Cellular immunity Granulocyte-macrophage colony-stimulating factor Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Edited by Gregory R. Bock and Jamie A. Goode. Proceedings of a symposium held Mar. 19-21, 1996 at the Walter and Eliza Hall Institute of Medical Research, Melbourne. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto THE MOLECULAR BASIS OF CELLULAR DEFENCE MECHANISMS; Contents; Participants; Chairman's introduction; The structural basis of the biological actions of the GM-CSF receptor; General discussion I; The molecular control of granulocytes and macrophages; General discussion I1: CSF-deficient mice - what have they taught us?: Clinical benefits of improving host defences with rHuG-CSF; General discussion I11; T cell receptor biochemistry, repertoire selection and general features of TCR and Ig structure; Immunology and immunity studied with viruses Dendritic cells and T lymphocytes: developmental and functional interactionsGeneral discussion IV; Differentiation and functions of T cell subsets; T cell tolerance and autoimmunity; Control of the sizes and

contents of precursor B cell repertoires in bone marrow; General

Sommario/riassunto

discussionV; Glimpses into the balance between immunity and self-tolerance; Interleukin 4: signalling mechanisms and control of T cell differentiation; B lymphocyte physiology: the beginning and the end; Final discussion; Summing-up; Index of contributors; Subject index

The field of lymphokine research has grown in parallel to the exciting developments around the two sets of cells which defend the body. While lymphokines are the ""property"" of immunologists, the molecular regulators of hemopoiesis (CSFs) belong to the hematologists. This book offers the rare opportunity to examine these separate fields of expertise together.