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Autore	Konrad Krzewski
Titolo	Molecular mechanisms regulating cytotoxic lymphocyte development and function and their associations to human diseases
Pubbl/distr/stampa	Frontiers Media SA, 2015 France : , : Frontiers Media SA, , 2015
ISBN	9782889192793
Descrizione fisica	1 online resource (163 pages) : illustrations; digital, PDF file(s)
Collana	Frontiers Research Topics
Soggetti	Microbiology & Immunology Biology Health & Biological Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Cytotoxic lymphocytes, comprised of NK cells and cytotoxic T cells, play a pivotal role in immune defense. By directed release of perforin-containing lytic granules, NK and cytotoxic T cells can eradicate pathogen-infected, tumorigenic, and otherwise stressed cells. By the virtue of cytokine and chemokine secretion, they can influence other cells of the immune system. Through these processes, cytotoxic lymphocytes also contribute to the maintenance of immune homeostasis. In recent years, much progress has been made with respect to the mechanisms by which cytotoxic lymphocytes develop, differentiate, and exert their effector functions. In a clinical perspective, a wide variety of mutations impairing cytotoxic lymphocyte development and/or function have been associated with immunodeficiency and severe diseases in humans. Aberrant activity of cytotoxic T cells and/or NK cells has been linked to an increased susceptibility to viral infections, persistent inflammation, cancer and autoimmunity. In addition, lymphocyte cytotoxic activity may be harnessed therapeutically to target tumor cells in different adoptive cellular therapy regimes, or through the use of recombinant antibodies. Still, a number of questions remain in regards to how cytotoxic

lymphocytes develop, their relationships and plasticity, as well as the mechanisms dictating target cell discrimination, lytic granule release and induction of target cell death. In this Research Topic we encourage submission of research articles, reviews, perspectives, or methods on cytotoxic lymphocyte development and function, their relation to the pathogenesis or treatment of different diseases, as well as comparison between similarities and/or differences in their effector functions. Considering the clinical significance of NK cells and cytotoxic T cells, we aim to provide a range of articles summarizing the current knowledge on the identification and elucidation of the mechanisms governing cytotoxic lymphocyte activity.

2. Record Nr.	UNINA9910148784503321
Autore	MacArthur John
Titolo	Filipenses
Pubbl/distr/stampa	Editorial Portavoz
ISBN	0-8254-8619-X
Descrizione fisica	1 online resource (1 p.)
Soggetti	Biblical teaching Christian life
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	En las paginas de estos comentarios expositivos no se percibe solamente un gran conocimiento de la Biblia, sino un amor y un celo profundos por la Palabra de Dios y por el Dios de la Palabra. John MacArthur hace una valiosa contribucion a la interpretacion y aplicacion del texto biblico que se refleja en una exegesis cuidadosa, una gran familiaridad con el escritor inspirado y su contexto, asi como en variadas explicaciones e ilustraciones practicas. Representa un excelente recurso para la preparacion de sermones, el estudio personal y la vida devocional.

