

1. Record Nr.	UNINA9910137533203321
Autore	Carl G Feng
Titolo	CD4+ T cell differentiation in infection [[electronic resource]] : amendments to the Th1/Th2 axiom // edited by Dragana Jankovic and Carl G. Feng
Pubbl/distr/stampa	Frontiers Media SA, 2015 France : , : Frontiers Media SA, , 2015
ISBN	9782889195657 (ebook)
Descrizione fisica	1 online resource (111 pages) : colour illustrations
Collana	Frontiers Research Topics
Soggetti	Clinical Immunology Medicine 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	CD4+ T lymphocytes play an essential role in host defense against bacterial, parasitic and viral infections. During infection, under the influence of intrinsic signals received through peptide-MHC/TCR interactions and extrinsic signals provided by pathogen-conditioned dendritic and other accessory cells, CD4+ T cells proliferate and differentiate into specialized T helper (Th) effectors, which produce distinct sets of cytokines tailored to combat a specific class of microbes. The concept of CD4+ T cell multi-functionality was developed after the seminal discovery of Th1 and Th2 cells nearly 30 years ago. Although the Th1/Th2 paradigm has successfully withstood the test of time, in the past decade additional Th subsets (Th17, Tfh, Th22, Th9) have been identified. Similarly, single cell analyses of cytokines and master transcriptional factors have revealed that, at the population level, CD4+ T cell responses are far more heterogeneous than initially anticipated. While some of the checkpoints in Th cell specification have been identified, recent studies of transcriptional and epigenetic regulation have uncovered a significant flexibility during the course CD4+ T lymphocyte polarization. In addition, Th cells

expressing cytokines with counteracting functions, as a measure of self-regulation, display yet another level of diversity. Understanding the mechanisms that control the balance between stability vs. plasticity of Th effectors both at the time of initiation of immune response and during development of CD4 T cell memory is critical for the rational design of better vaccines and new immunotherapeutic strategies. This research topic will cover current views on Th cell development, with a focus on the mechanisms that govern differentiation, function and regulation of effector Th cells in the context of microbial infections.

2. Record Nr.	UNINA9910702039903321
Autore	Lonneman Patrick J
Titolo	Development of an actuator for flow control utilizing detonation [[electronic resource] /] / Patrick J. Lonneman and Andrew D. Cutler
Pubbl/distr/stampa	Hampton, Va. : , : National Aeronautics and Space Administration, Langley Research Center, , [2004]
Descrizione fisica	1 online resource (xvi, 156 pages) : illustrations (some color)
Collana	NASA/CR ; ; 2004-213508
Altri autori (Persone)	CutlerAndrew D
Soggetti	Active control Flow distribution Separated flow Detonation Actuators Flow regulators
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Sept. 5, 2012). "December 2004." "Performing organization, The George Washington University, Joint Institute for Advancement of Flight Sciences, Langley Research Center" --Rept. documentation p.
Nota di bibliografia	Includes bibliographical references (pages 56-58).

3. Record Nr.	UNICASANA0015615
Autore	Bonvini Mazzanti, Marinella
Titolo	1492: scoperta e conquista dell'America / Marinella Bonvini Mazzanti
Pubbl/distr/stampa	Urbino, : Argalia, [1978]
Descrizione fisica	218 p., [20] p. di tav. : facs. ; 22 cm
Collana	Studi storici
Disciplina	970.015
Soggetti	America - Scoperta
Lingua di pubblicazione	Italiano Latino Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Segue: Appendice documentaria