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Altri autori (Persone)	HerrmannM, Dr. (Martin) KaldenJ. R (Joachim Robert)
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Nota di contenuto	Apoptosis and Autoimmunity; Preface; Contents; List of Contributors; Part 1 General Features of Apoptosis; 1 Apoptosis and Autoimmunity; 1.1 Introduction; 1.2 Autoimmune Diseases Associated with Targeted Cell Destruction; 1.2.1 What is the Mode of Cell Death?; 1.2.2 What Cells and What Effector Pathways are Responsible for Cell Death?; 1.3 Autoimmune Diseases Associated with Enhanced Cell Growth and Survival; 1.4 Autoimmune Diseases Associated with Abnormal Processing of Dying Cells; 1.5 Conclusions; 1.6 References; 2 Caspase Knockouts: Matters of Life and Death 2.1 Death, Development and Immune Function 2.2 Apoptotic Pathways: from Nematode to Mammals; 2.3 Triggering a Killer: General Aspects of Caspase Activation; 2.4 Caspase-1 and -11: More than Mediators of Inflammatory Cytokines?; 2.5 Caspase-8 and the FAS Signaling Pathway; 2.6 Caspase-3: The Chief Executioner?; 2.7 Caspase-9: Mitochondrial Activation and the Apoptosome; 2.8 Caspase-2: A

Duality of Function; 2.9 Caspase-12: Responding to Stress; 2.10
 Compensatory Caspase Activation: A Caveat to Knockout Analysis; 2.11
 Caspases: More than Simple Killers; 2.12 Concluding Remarks; 2.13
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 Part 2 Clearance of Apoptotic Cells
 3 Anti-inflammatory and Immunoregulatory Effects of Apoptotic Cells; 3.1 Introduction; 3.2
 Anti-inflammatory Effects of Apoptotic Cells on
 Monocytes/Macrophages; 3.3 The Role of Anti-inflammatory Cytokines
 for the Inhibition of Pro-inflammatory Cytokine Production; 3.4
 Monocyte/Macrophage Receptors receiving the Anti-inflammatory
 Signal from Apoptotic Cells; 3.5 Intracellular Signaling Events Causing
 the Anti-inflammatory State in Macrophages; 3.6 Apoptotic Cells Impair
 MHC Class II Surface Expression on Monocytes
 3.7 Influence of Apoptotic Cells on DC Function in Allogeneic MLR
 3.8 The Presence of Apoptotic Cells can Shift the T(h) Cell Response
 towards T(h)2; 3.9 Apoptotic Cells Suppress Delayed-type
 Hypersensitivity (DTH) In Vivo; 3.10 Necrosis and Inflammation; 3.11
 Implications of the Anti-inflammatory and Immunodulatory Effects of
 Apoptotic Cells for Health and Disease; 3.11.1 Apoptosis and
 Pregnancy; 3.11.2 Apoptosis and Irradiation; 3.11.3 Apoptosis and
 Cancer; 3.11.4 Apoptosis and Infections; 3.11.5 Apoptosis and Blood
 Transfusions; 3.12 References; 4 Complement and Apoptosis; 4.1
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 4.2 Programmed Cell Death (PCD)
 4.3 Complement; 4.4 Complement and Apoptosis; 4.4.1 Role of Complement in the Execution Phase; 4.4.2
 Complement Activation by Apoptotic Cells; 4.5 Apoptosis, Complement
 and Autoimmunity; 4.6 References; 5 Soluble Factors that Bind to Dying
 Cells Control the Outcome of Corpse Disposal: The Role of Pentraxins,
 Collectins and Autoantibodies; 5.1 Introduction; 5.2 Soluble Factors
 Involved in Apoptotic Cell Recognition and Internalization; 5.2.1 Corpse
 Clearance at Rest: Collectins; 5.2.2 Corpse Clearance at Rest: Cationic
 Factors and Other PS-binding Moieties
 5.2.3 Corpse Clearance during Acute Inflammation: Pentraxins

Sommario/riassunto

This is the first comprehensive book about the relationship between
 apoptosis and autoimmune diseases. It offers a unique up-to-date
 overview on research results on the defective execution of apoptosis
 and the incomplete clearance of apoptotic cells. The molecular and
 cellular mechanisms involved are described in detail. As a possible
 consequence of apoptotic dysfunction, the development of severe
 autoimmune diseases (e.g., rheumatoid arthritis, systemic lupus
 erythematosus) is discussed. An outlook on future research topics
 includes the evaluation of novel therapeutic strategies.

2. Record Nr.	UNISANNIOUBO1313599	
Autore	Bollinger, John G.	
Titolo	Computer control of machines and processes / John G. Bollinger; Neil A. Duffie	
Pubbl/distr/stampa	Reading (Mass.), : Addison-Wesley, 1989	
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Altri autori (Persone)	Duffie, Neil A.	
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