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Titolo	Apoptosis and autoimmunity [[electronic resource] /] / edited by M. Hermann and J.R. Kalden
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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 References

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 Introduction

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.** UNIORUON00114965
Autore HAVELL, E. B.
Titolo A Handbook to Agra and Taj Sikandra, Fatehpur-Sikri and the neighbourhood / E. B. Havell
Pubbl/distr/stampa London, : Longmans, Green and Co., 1912
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Autore Balasubramanian Madhan
Titolo The Future Health Workforce: Integrated Solutions and Models of Care
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Descrizione fisica 1 online resource (242 p.)
Soggetti Humanities
Social interaction
Lingua di pubblicazione Inglese
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Livello bibliografico Monografia
Sommario/riassunto This edited collection brings together a diverse set of original research and review articles that contribute towards a unified objective of redesigning the future health workforce. Our fundamental premise is that the future health workforce needs to be more closely aligned to

population needs and be able to address emerging challenges of the 21st century. • The collection includes 13 articles (11 original research; 2 review) from nine countries. • Original research articles that contributed to this special issue came from Australia, Brazil, Canada, China, Japan, South Korea, Sweden, the United Kingdom and the United States of America. • The collection features a range of health professionals including medical, dental, nursing, allied health, social work, and health management workforce. This unique piece of scholarship adds to ongoing global efforts on health workforce integration, universal health coverage, and creating sustainable and people-centric health systems
