

Apoptosis and Autoimmunity: From Mechanisms to Treatments

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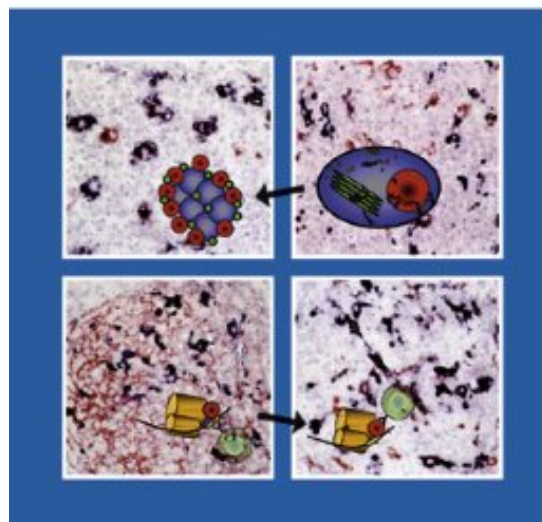
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Apoptosis and Autoimmunity

From Mechanisms to Treatments

Edited by J. R. Kalden and M. Herrmann



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#7214111 in Books Wiley-VCH 2003-03-21 Original language: English PDF # 1 9.74 x .97 x 6.931, 2.00 #File Name: 3527304428381 pages | File size: 19.Mb

From Brand: Wiley-VCH : Apoptosis and Autoimmunity: From Mechanisms to Treatments before purchasing it in order to gage whether or not it would be worth my time, and all praised Apoptosis and Autoimmunity: From Mechanisms to Treatments:

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.

...illustrated by original figures, schemas, and tables and contains interesting experimental data...well written and organized.... (Pharmaceutical Research, Vol. 20, No. 12, December 2003)From the Back CoverApoptosis and autoimmunity are hot topics in cell biology and immunology and interrelations between the two phenomena were reflected in the lectures given at the centenary celebrations of the Nobel Prize in 2001. Animal models and clinical observations indicate that the defective execution of apoptosis or defective clearance of apoptotic cells may cause severe dysfunctions, resulting in such autoimmune diseases as rheumatoid arthritis and lupus erythematosus. This is the first book to provide a concise insight into the molecular and cellular mechanisms of regular and misdirected apoptosis as well as its implications for the development of autoimmune diseases. Researchers and clinicians alike will appreciate the perspectives on new strategies in diagnostics and therapy. The text is rounded off by a glossary explaining over 100 related terms, many of them precisely defined here for the first time.