Phagocytosis Of Dying Cells: From Molecular Mechanisms To Human Diseases

DOWNLOAD HERE

Part I. Molecular mechanisms of phagocytosis of dying cells: 1. Molecular pathways of different types of cell death: many roads to death. 2. Apoptotic. necrotic and autophagic cell death types in pathophysiological conditions: morphological and histological aspects. 3. Role of attraction and danger signals in the uptake of apoptotic and necrotic cells and its immunological outcome. 4. Molecules involved in recognition and clearance of apoptotic/necrotic cells and cell debris. 5. Evolutionarily conserved pathways regulating engulfment of apoptotic cells. 6. Innate apoptotic immunity: a potent immunosuppressive response repertoire elicited by specific apoptotic cell recognition. 7. Comparative characterization of non-professional and professional phagocyte responses to apoptotic cells. 8. Methods used to study apoptotic cell clearance. Part II. Impairment of phagocytosis of dying cells and its role in the development of diseases: 9. Results of defective clearance of apoptotic cells: lessons from knockout mouse models. 10. Clearance of dying cells and systemic lupus erythematosus. 11. Apoptotic cells for therapy of transplant rejection. 12. Impact of tumor cell death on the activation of anti-tumor immune response. 13. Phagocytosis of dying cells in the pathogenesis of atherosclerosis. 14. The impact of defective clearance of apoptotic cells in the pathogenesis of chronic lung diseases: chronic obstructive pulmonary disease. asthma and cystic fibrosis. 15. Environmental factors affecting phagocytosis of dying cells: smoking and static magnetic fields. Index. EAN/ISBN: 9781402092930 Publisher(s): Springer Netherlands Discussed keywords: Zelle (Biologie) Format: ePub/PDF Author(s): Krysko, Dmitri V. -Vandenabeele, Peter

DOWNLOAD HERE

Similar manuals: