

Test Bank for Robbins and Cotran Pathologic Basis of Disease (Robbins Pathology) 9th Edition

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Kumar: Robbins and Cotran Pathologic Basis of Disease, 9th Edition

Chapter #3: Inflammation and Repair

Test Bank

MULTIPLE CHOICE

1. Transmembrane adhesive heterodimeric proteins, composed of an α and a β chain, are expressed on activated leukocytes during inflammation. They bind primarily to intercellular adhesion molecule 1 (ICAM-1) and vascular cell adhesion molecule 1 (VCAM-1), both of which belong to the family of proteins known as
 - a. selectins
 - b. integrins
 - c. immunoglobulins
 - d. lectins
 - e. growth factors

ANS: C. Surface proteins expressed on activated leukocytes are integrins, and they bind to intercellular adhesion molecule 1 (ICAM-1) and vascular cell adhesion molecule 1 (VCAM-1), which belong to the immunoglobulin family of proteins.

2. Which of the following mediators of inflammation has chemotactic properties and is increased in persons taking aspirin?
 - a. Thromboxane A_2
 - b. Prostaglandin E_2
 - c. Platelet-activating factor
 - d. Leukotriene B_4
 - e. Interleukin-1

ANS: D. Leukotriene B_4 is chemotactic. It is increased in persons who take aspirin, because aspirin inhibits the cyclooxygenase pathway, thus shunting more arachidonic acid early derivatives into the lipoxygenase pathway. This promotes the synthesis of leukotrienes.

3. A 2-year-old child known to suffer from recurrent bacterial infections and poor wound healing was found to have leukocyte adhesion molecule deficiency 1 (LAD-1). The

Robbins And Cotran Pathology Test Bank Slibforyou

**Vinay Kumar, Abul K. Abbas, Jon C.
Aster**



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Robbins and Cotran Review of Pathology Edward C. Klatt, MD, Vinay Kumar, 2014-09-26 Effectively master the most important principles and facts in pathology with this easy to use new edition of Robbins and Cotran Review of Pathology More than 1 100 questions reviewed and updated to reflect the new content in the parent text reinforce the fundamentals of gross and microscopic pathology as well as the latest findings in molecular biology and genetics This review book of multiple choice questions and answers companion to Robbins and Cotran Pathologic Basis of Disease 9th Edition and Robbins Basic Pathology 9th Edition is the ideal study tool for coursework self assessment and examinations including the USMLE Step 1 examination in pathology Access to this product which may be at the discretion of your institution is up to 3 years of online and perpetual offline access Elsevier reserves the right to restrict or remove access due to changes in product portfolio or other market conditions Develop a thorough clinically relevant understanding of pathology through clinical vignette style questions emphasizing problem solving over rote memorization Single best answer and extended matching formats reflect levels of difficulty that prepare you for examinations Efficiently review a wide spectrum of topics with page references and a parallel organization to both Robbins and Cotran Pathologic Basis of Disease and Robbins Basic Pathology making additional information easy to locate Reinforce your understanding of key content with answers and detailed explanations for every question at the end of each chapter Enhance your understanding of pathophysiology and integrate pathology with other medical disciplines by examining correlative laboratory radiologic and physical diagnostic data Visualize key pathologic concepts and conditions and test your diagnostic skills with over 1 100 full color images Challenge your knowledge with a final comprehensive exam of 50 USMLE style questions covering random topics Features new questions that reflect today's hot topics in pathology keeping you up to date Includes many new illustrations to enhance visual guidance Uses a new chapter arrangement to conform to the new Table of Contents in Robbins and Cotran Pathologic Basis of Disease 8th Edition for easier cross referencing

Robbins Pathology Test Bank, 12 Months Access, 2009-04-13 *Robbins and Cotran Review of Pathology E-Book* Edward C. Klatt, Vinay Kumar, 2009-07-14 This easy to use new edition of Robbins and Cotran Review of Pathology helps you effectively master the most important principles and facts in pathology More than 1 100 questions many new to this edition reinforce the fundamentals of gross and microscopic pathology as well as the latest findings in molecular biology and genetics Based on two of the best selling most authoritative pathology textbooks Robbins and Cotran Pathologic Basis of Disease 8th Edition and Basic Pathology 8th Edition Robbins and Cotran Review of Pathology 3rd Edition is an ideal aid for coursework self assessment and examinations including the USMLE Step 1 examination in pathology Offers questions in the clinical vignette style emphasizing problem solving over rote memorization Presented in both single best answer and extended matching formats they reflect levels of difficulty that prepare you for examinations Provides an answer and a detailed explanation for every question at the end of each chapter Includes page references and a

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