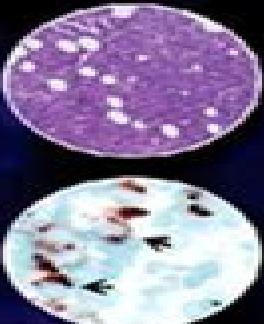




Michael T. Lotze
Angus W. Thomson

Natural Killer Cells

Basic Science and Clinical Application



Natural Killer Cells Basic Science And Clinical Application

Karin Nielsen-Saines

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Natural Killer Cells Michael T. Lotze,Angus W. Thomson,2009-11-12 Natural Killer Cells explains the importance of killer cells and how they are produced It mentions that the most likely explanation for killer cell production is that they serve as a complementary system for T cells as a primary defense against viruses However these cells defend against certain viruses only such as herpes viruses and influenza viruses The book also explains the primary functions of killer cells and it discusses how these cells help recognize damaged tissues limit further damage to tissues and regenerate damaged tissues It discusses how these cells mature and develop and it covers the different isolation culture and propagation methods of these cells Furthermore it focuses on the different killer cells that are present in various parts of the human body The book concludes by explaining that natural killer cells are utilized for clinical therapy of malignancies and that they have led to positive outcomes in the field of biology and medicine Provides a broad detailed coverage of the biology and interactions of NK cells for students fellows scientists and practitioners Includes figures histologic sections and illustrations of the ontogeny of NK cells

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Clinical Research and Treatment Claus Garbe,Stefan Schmitz,Constantin E. Orfanos,2012-12-06 In the past two decades

considerable interest in skin cancer has developed in the public and scientific communities There may have been several reasons for this The rise in the global incidence of cutaneous cancers New molecular biology techniques resulting in a better understanding of pathogenesis and improved diagnostic procedures The advent of new pathological entities e g the endemic

form of Kaposi's sarcoma A constantly increasing range of therapeutic modalities providing even more efficacious treatment and management of skin cancers As N E Fusenig describes in the first chapter of this volume basic research is only

beginning to unravel the complex mechanism involved in cellular dedifferentiation and tumor progression Progress is dearly needed especially in dermatology where the rise in the incidence of epithelial tumors has inflated the overall skin

cancer incidence The incidence of tumors of the skin exceeds that of all other neoplasias in humans with recreational sun

exposure being a suspected primary cause Several studies on the effects of UV radiation have been included at the beginning of this volume Even the role of long wavelength UV UVA has become a focus of research activities The main concern is that the low carcinogenicity of UVA in comparison to UVB may be outweighed and exceeded in its effects by increased UV A exposure e g **Melatonin and the Pineal Gland, from Basic Science to Clinical Application** Yvan Touitou,J. Arendt,P. Pévet,1993 Hardbound The aim of this book is to integrate clinical physiological rhythmic pharmacological cellular and molecular aspects of biosynthesis metabolism regulation and action of melatonin and related indoles Significant advances on pineal research and their applications to the clinical field are focused upon Among the topics featured in this publication are the following role of the pineal gland in rhythmic functions pineal retinal relationship melatonin effector mechanisms melatonin receptors biochemistry of the pineal gland neural connections of the pineal gland melatonin production therapeutics prospects for melatonin and analogues A summarized version of the contents is listed hereunder Current Catalog National Library of Medicine (U.S.),1992 **Basic Science and Clinical Review Study Notes for Surgery**

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