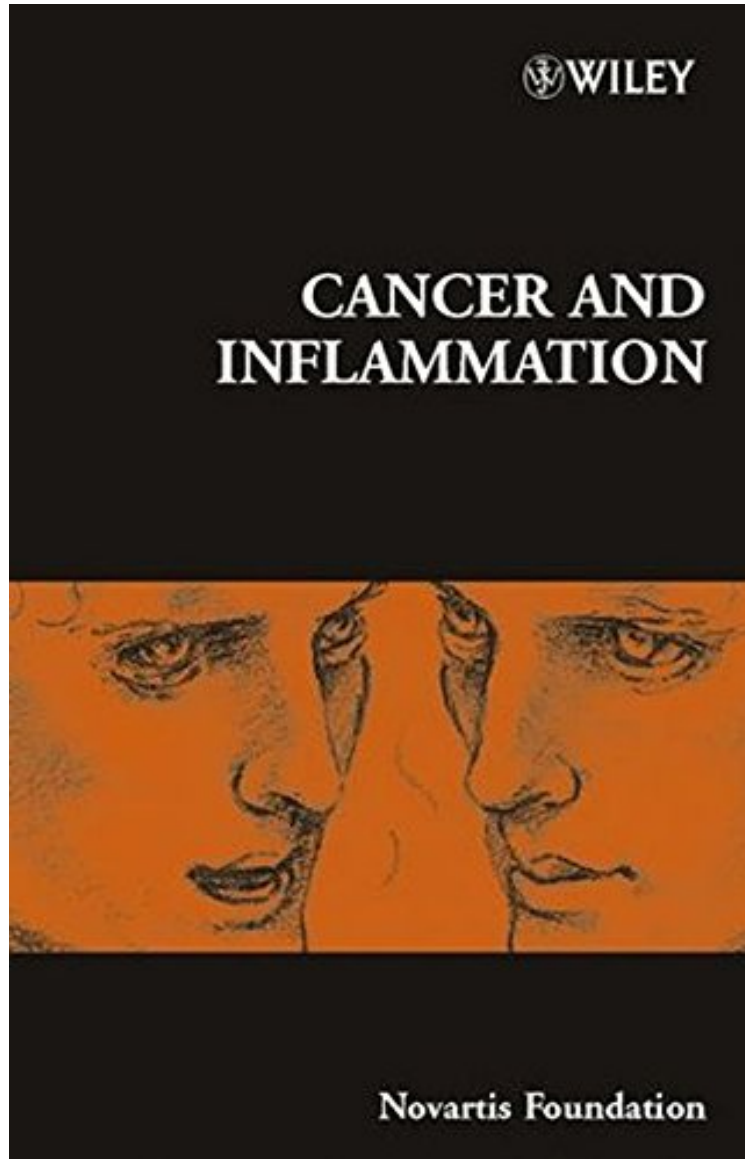


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## Cancer and Inflammation (Novartis Foundation Symposia)

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**From Wiley : Cancer and Inflammation (Novartis Foundation Symposia)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Cancer and Inflammation (Novartis Foundation Symposia):

Chronic inflammation predisposes to some forms of cancer and the host response to malignant disease shows several parallels with inflammation and wound healing. The cells involved in inflammation are detected in a range of common

cancers, together with the inflammatory cytokines and members of the chemokine ligand/receptor systems. Neutralization or deletion of the gene for some inflammatory cytokines confers resistance to tumour induction and experimental metastasis. Over-expression of such cytokines in tumour cells may enhance malignant potential. Certain chemokines are likely to subvert antitumour immunity by favouring development of ineffective Type 2 responses. Tumour cells may even utilize chemokine receptors in homing to lymph nodes and other organs. Thus, the cells, cytokines and chemokines found in tumours are more likely to contribute to tumour growth, progression and immunosuppression than they are to mount an effective host antitumour response. This book draws together contributions from an international group of scientists and clinicians from diverse disciplines, ranging from epidemiology to immunology, cell biology, molecular oncology, molecular medicine and pharmacology to debate these and related issues. Topics covered include the epidemiological links between cancer and inflammation, the parallels between inflammation and cancer, the role of inflammation in cancer, inflammatory genes as risk factors for cancer initiation and progression, inflammation and cancer angiogenesis, and preventative and therapeutic strategies. Related Novartis Foundation symposia: 252 Generation and Effector Functions of Regulatory Lymphocytes Chair: Jean-Francois Bach 254 Immunoinformatics: Bioinformatic Strategies for Better Understanding of Immune Function Chair: Hans-Georg Rammensee

"This book is highly informative, very up-to-date, and demonstrates the complex biochemical events that may result in carcinogenesis." (Doody's Electronic Journal) a useful guide to the considered thoughts of those within their field. (The Newsletter of the British Society of Cell Biology, Summer 2005) From the Back Cover Chronic inflammation predisposes to some forms of cancer and the host response to malignant disease shows several parallels with inflammation and wound healing. The cells involved in inflammation are detected in a range of common cancers, together with the inflammatory cytokines and members of the chemokine ligand/receptor systems. Neutralization or deletion of the gene for some inflammatory cytokines confers resistance to tumour induction and experimental metastasis. Over-expression of such cytokines in tumour cells may enhance malignant potential. Certain chemokines are likely to subvert antitumour immunity by favouring development of ineffective Type 2 responses. Tumour cells may even utilize chemokine receptors in homing to lymph nodes and other organs. Thus, the cells, cytokines and chemokines found in tumours are more likely to contribute to tumour growth, progression and immunosuppression than they are to mount an effective host antitumour response. This book draws together contributions from an international group of scientists and clinicians from diverse disciplines, ranging from epidemiology to immunology, cell biology, molecular oncology, molecular medicine and pharmacology to debate these and related issues. Topics covered include the epidemiological links between cancer and inflammation, the parallels between inflammation and cancer, the role of inflammation in cancer, inflammatory genes as risk factors for cancer initiation and progression, inflammation and cancer angiogenesis, and preventative and therapeutic strategies. Related Novartis Foundation symposia: 252 Generation and effector functions of regulatory lymphocytes Chair: Jean-Francois Bach Immunoinformatics: bioinformatic strategies for better understanding of immune function Chair: Hans-Georg Rammensee About the Author The Novartis Foundation is an international scientific and educational charity which promotes the study and general knowledge of science and in particular encourages international co-operation in scientific research. Chair: SIAMON GORDON, Sir William Dunn School of Pathology, University of Oxford, UK