Immunotherapy of Cancer, Volume 128 (Advances in Cancer Research)

From Fisher Paul B
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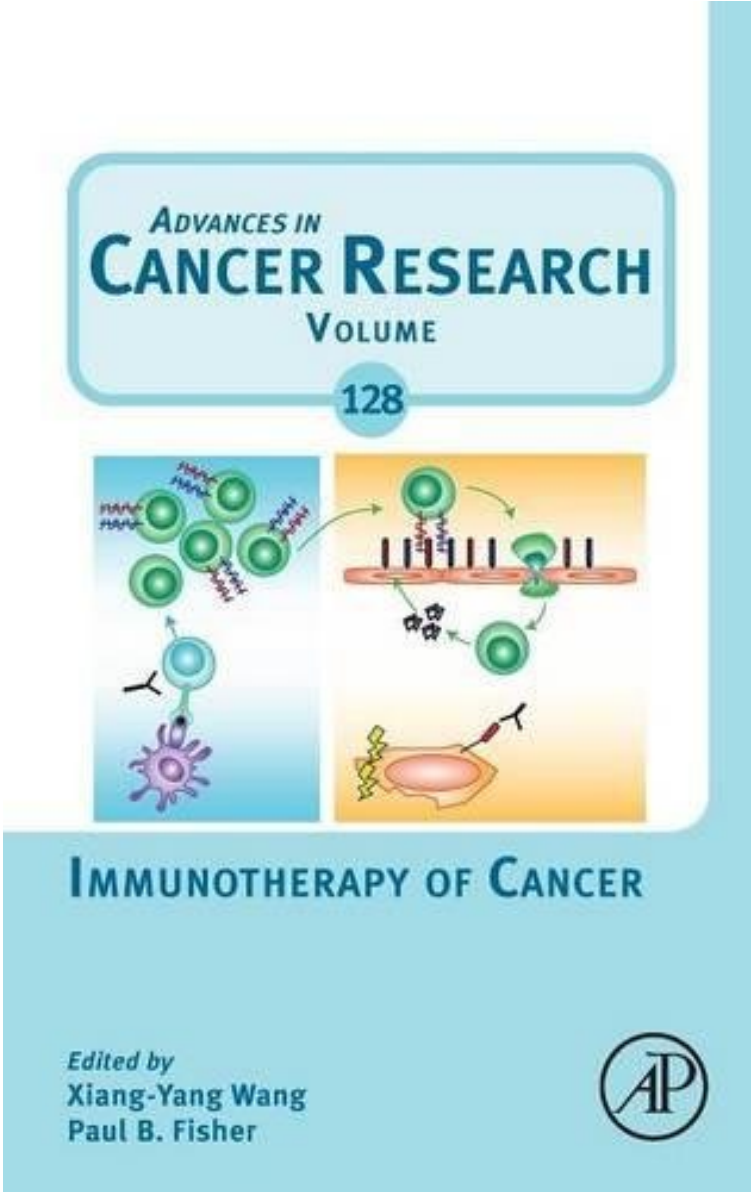

#4804971 in Books Fisher Paul B 2015-08-12Original language:EnglishPDF # 1 9.02 x .94 x 5.98l, .0 #File Name: 0128023163392 pagesImmunotherapy of Cancer | File size: 45.Mb

From Fisher Paul B : Immunotherapy of Cancer, Volume 128 (Advances in Cancer Research) before purchasing it in order to gage whether or not it would be worth my time, and all praised Immunotherapy of Cancer,

Volume 128 (Advances in Cancer Research):

Immunotherapy of Cancer provides information on cancer research related to inflammation and immunity, containing outstanding reviews by experts in the field. It is suitable for researchers and students who have an interest in cancer immunobiology.Provides information on cancer research, including outstanding and original reviewsCovers the current progress and emerging concepts in cancer inflammation, immunology, and immunotherapy Suitable for researchers and students studying, and interested in, the field of immunotherapy for cancerIdeal for those studying cancer inflammation, tumor immunology, cancer immunotherapy, dendritic cell, antigen presentation, immune checkpoint, myeloid-derived suppressor cells, macrophages, and tumor environments

Praise for the Serial "This classic and essential series presents critical overviews on select aspects of both cancer research and the basic underlying sciences." --American Scientist "Excellent, highly informative, in-depth reviewsexpertly written, up-to-date, and well-referenced." --Journal of Medicinal Chemistry "This is a series that has a long tradition of excellence in the field of cancer biology." --Doodys Publishing sAbout the AuthorProfessor, Dept of Human Molecular Genetics, Virginia Commonwealth University, USA; Associate Director, VCU Institute of Molecular Medicine, Virginia, USA. The Wang laboratory has a long-standing interest in understanding stress response and stress sensing molecules in regulation of inflammation, host immunity, and the pathogenesis of diseases, including cancer.Paul B. Fisher, M.Ph., Ph.D., is an accomplished molecular biologist investigating the mechanisms involved in cancer development and progression in order to define improved methods for cancer prevention, detection and therapy. Fisher pioneered a powerful technique to study gene expression in specific tissues or cell types known as subtraction hybridization, which he has used to identify genes involved in many important and medically relevant physiological processes including cancer, neurodegeneration and infectious diseases. Studies in his laboratory focus on understanding the molecular and biochemical reasons for cancer development with a specific focus on understanding how cancers spread, a process called metastasis. The ultimate aim is to use this collected knowledge to bring new, more effective prevention techniques, diagnostic approaches and therapies from the laboratory bench to the patients bedside. This is epitomized by his studies involving mda-7/IL-24, a gene that was discovered in his laboratory and has displayed significant clinical efficacy in a phase 1 clinical trial when injected directly into advanced cancers using a form of viral gene therapy. Using a novel cancer terminator virus, Ad.5/3-CTV, that is designed to replicate only within cancer cells while delivering the immune-modulating and toxic mda-7/IL-24 gene, Fisher and his clinical colleagues are developing a clinical trial in patients with glioblastoma multiforme, the most common and deadly form of brain cancer. Fisher has been consistently funded by the National Institutes of Health (NIH) over the past 35 years and is among the top 5 percent of NIH funded investigators during this period. He has published over 500 primary papers and reviews, served on numerous NIH study sections and government and private grant review panels and has over 55 issued patents. He is the recipient of multiple National Cancer Institute (NCI) Program Project Grants; investigator initiated R01 grants from the NIH, NCI and National Institute of General Medical Sciences (NIGMS); private foundation grants from the National Foundation for Cancer Research and the Samuel Waxman Cancer Research Foundation; and an Institutional Research and Academic Career Development Award from the NIH focusing on preparing students from groups underrepresented in the sciences for research careers. Fisher is Professor and Chair of the Department of Human and Molecular Genetics at the Virginia Commonwealth University (VCU) School of Medicine, Founding Director of the VCU Institute of Molecular Medicine and Thelma Newmeyer Corman Chair in Cancer Research and co-leader of the Cancer Molecular Genetics research program at VCU Massey Cancer Center.