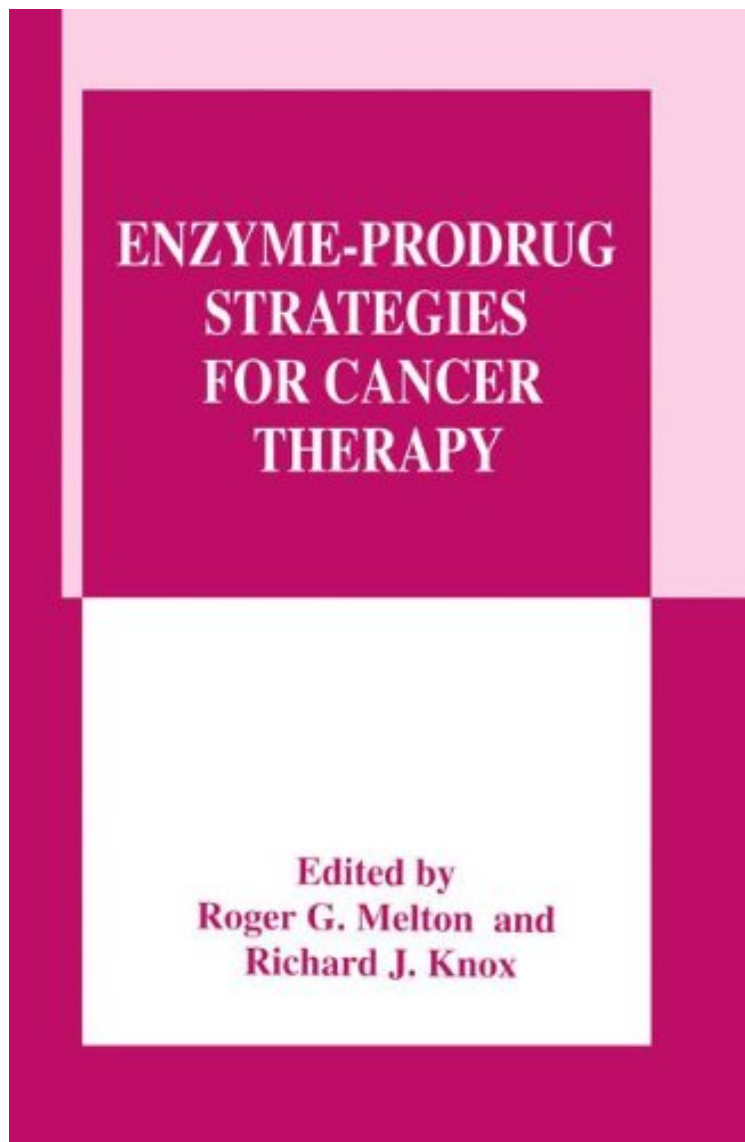


[E-BOOK] Enzyme-Prodrug Strategies for Cancer Therapy

Enzyme-Prodrug Strategies for Cancer Therapy

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From Brand: Springer : Enzyme-Prodrug Strategies for Cancer Therapy before purchasing it in order to gage whether or not it would be worth my time, and all praised Enzyme-Prodrug Strategies for Cancer Therapy:

Antibody-directed enzyme prodrug therapy (ADEPT) directly addresses the major problem in cancer chemotherapy-its lack of selectivity. Antibody delivery combined with the amplification provided by the enzymatic activation of

prodrugs enables selection to be made between tumour and normal tissue. ADEPT offers a novel field of opportunities in the therapy of systemic cancer and may be a major advance for the treatment of solid tumours. This book is the first to describe ADEPT in detail. Each chapter reviews an aspect of the immunology, enzymology, biochemistry, chemistry, and cancer chemotherapy which have been integrated into the ADEPT concept. An additional chapter describes the related approach of gene-directed enzyme prodrug therapy (GDEPT). This latter approach is still in its infancy but ADEPT has entered the clinic. The initial clinical studies with ADEPT are included and discussed in detail.