Prostate Cancer: Basic Mechanisms and Therapeutic Approaches

This book should be of interest as both a study guide and research reference to students, basic scientists, and clinicians.

Prostate cancer is the second leading cause of death in men and its progression is highly dependent on androgens and androgen receptors. However, even with treatment, eventually most prostate cancers progress. Studies of the mechanisms behind this progression leads to advances in treatments for androgen-related diseases.

This book discusses recent prostate cancer research, including immunotherapy and chemotherapy; radiation, gene, hormonal, and androgen ablation therapies; basic mechanisms behind prostate cancer growth; how mechanisms can be used to treat prostate cancer; and research in newly developed mouse model systems.