

Special Issue

Bioactive Compounds and Therapeutic Targets in Prostate Cancer

Message from the Guest Editor

Globally, prostate cancer is one of the leading causes of death in men. Routine intake of bioactive compounds from various sources such as plants, diet, and marine organisms could be potentially beneficial in reducing the incidence and death rates, as prostate cancer is characterized by a long latency period from initiation of prostatic intraepithelial neoplasia to development of adenocarcinoma. There is increasing evidence that bioactive compounds could serve as alternative treatment or could be used as adjunct therapy with conventional treatments to improve the quality of life and longevity of patients. This Special Issue invites original research and review articles focused on bioactive compounds that have targets including androgen receptor (AR), AR variants (e.g., AR-V7), PI3K/Akt, mTOR, NF- κ B, TGF β , EMT, transcription factors (e.g., c-Myc, N-Myc, STAT3, STAT5), mTOR, Wnt-beta catenin, Notch1, HDAC, DNMT3 etc. in prostate cancer cells based on in vitro and in vivo studies.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2024)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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