

Latest Research Works and Innovations in the Field of Oncology

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EDITORIAL NOTE

Carcinogenesis, also called oncogenesis or tumorigenesis, is the formation of a cancer, whereby normal cells are transformed into cancer cells. Mutagenesis is a process by which the genetic information of an organism is changed, resulting in a mutation.

The Journal of Carcinogenesis and Mutagenesis is an open access, peer-reviewed international journal that publishes scientific articles related to all aspects of cancer, by including cancer cell structure, photocarcinogenesis, adenocarcinoma pancreas prognosis, cancer epidemiology, etc.

The current volume 11, issue 3 various aspects of cancer were discussed by the authors from different parts of the world. In the review article, Henriques et al. studied CXCR2-SNAIL Axis: a Novel Anti-Tumor Therapeutical Target for Cancer Cells Undergoing Epithelial-Mesenchymal Transition Process. This review describes the mechanism by which CXCR2 is involved in EMT through SNAIL, contributing to progression of cancer and summarizes new advances in the research of EMT associated CXCR2 [1].

Miyazawa et al. commented on usage of Laparoscopic Liver Resection in Cancer Patients with safety as an essential key. In conclusion, reductions in intraoperative bleeding and perioperative complications are required during minimally invasive LLR [2].

Kiyohiro et al. shared his views on CHK1 Inhibitor-Based Checkpoint Abrogation: A Classic, Yet New Therapeutic Approach in Advanced Cancer. Further investigation of the underlying mechanisms is needed to identify synergistic interactions of CHK1 that would help prolong patient survival and improve their quality of life [3].

Pawlikowski reviewed about Tissue Biomineralization as a Mechanism Leading to Cancer Development. This article summarizes the results of many years of studies on biomineralization in chosen cancers. They were conducted on cancers of skin, lungs, mouth, kidney, prostate, thyroid, connective tissue and others, using modern methods of

mineralogy and histology. This article summarizes the results of many years of studies on biomineralization in chosen cancers. They were conducted on cancers of skin, lungs, mouth, kidney, prostate, thyroid, connective tissue and others, using modern methods of mineralogy and histology. [4]

Pereira commented on Reflections about the Detection of Flower Cells in B-Cells Lymphomas. Thus, this brief article aims to show how should be the assessment of these atypical cells in B lineage lymphomas and instigate more robust studies on the subject [5].

Ding et al. reviewed *Helicobacter pylori* Infection, DNA Methylation, and Gastric Carcinogenesis. Continued investigation in these areas will be critical to provide insights into the molecular mechanisms of *H.pylori* induced gastric diseases and develop strategies for disease prevention and intervention. We review recent progress and discuss future research directions in this important area [6].

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