

Innovations in molecular oncology.

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Description

Molecular oncology is a branch of medicine and surgery which deals with the medicinal chemistry and oncology that refers to the investigation of the chemistry of cancer and tumors at the molecular scale and the development and application of molecularly targeted therapies. This attains great significance in clinical studies. There are several branches in the molecular oncology including genomics, computational biology, tumor imaging, in vitro and in vivo functional models to study biological and clinical phenotypes and it deals with the novel chemotherapy drugs and other cancer treatments, and imaging scans. Mainly the gene targets, immunotherapy, and gene therapy are considered. Journal of molecular oncology research is an open access journal designed for the wide dissemination of research in this field to worldwide audience.

From previous volumes, various aspects of oncology were discussed by the authors from different parts of the world. In the short communication Ortega Jiménez Mayra del Carmen, et al. studied that despite the dissemination made by different media and by the health sector of the Mexican population, the high rate of CaMa has not decreased, on the contrary, it has increased [1].

Editorial entitled “Stages in development and management of primary liver cancer, by yong- lu the author described about liver cancer was management in the olden days and how researchers advanced in the pathogenesis, diagnosis, staging and treatment of the liver cancer. The author also discussed new systemic treatments (gemcitabine and cisplatin) that have paved the way for further innovations in the management of patients with ICCA [2].

Editorial note entitled “The human papilloma virus and its capacity to cause various cancers”, by v suresh varma thoroughly discussed about the human papilloma virus and its pathogenesis mechanism and mode of infection, molecular diagnosis, biological properties of human papilloma virus onco-proteins, it's capacity to cause cancer, hpv vaccination and its prevention [3].

Market analysis entitled “The study of hormonal changes breast cancer in klinefelter's men”, by mandana kazemi elucidated the degree of supreme danger of mbc among klinefelter's men. This study doesn't legitimize prophylactic mastectomy, yet underpins the requirement for persistent instruction, month to month breast self-assessments and intermittent physical assessment [4].

We also published young research forum named young scientist awards: frontiers in cancer by Ms. Suchi and awards 2020 named cancer stem cells 2020 annual meeting program awards by Dr. Kakil Ibrahim Rasul [5].

Conclusion

The Journal of Molecular Oncology is a fully open access peer reviewed international journal. One of the objectives of this journal is to encourage publication from different streams of research that helps to enrich further the discourse on cancer research at molecular level. We take this opportunity to thank the authors/publishers for sending their articles for publishing and making their knowledge visible to readers globally which was inspiring.

References

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