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Single nucleotide polymorphism in cancer research field and treatment

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Genetic diversity in the human genome is an emerging opportunity for cancer research, a diverse series of diseases characterized by both environmental and genetic contributions. The number of popular germ-line variants is large, in the order of 10-15 million per human, and represents a remarkable opportunity to study an etiology, inter-individual variations in response and outcomes of specific cancers. The analysis of genetic differences will elucidate important determinants of environmental exposure and disease, which may have future consequences for prevention and early intervention strategies. However, in the early stages of defining the methods for a systematic analysis of genetic contributors to complex disorders, such as cancer. If the hope of the genomic revolution is to be fulfilled, this knowledge must be integrated into emerging policies for the delivery of all public health interventions and, most significantly, the provision of clinical cancer-related treatment.

Biography:

Ms. Wajeeha Rahman has completed her Master at the age of 24 years from Shaheed Benazire Btto University Peshawar Pakistan and now PhD student in School of Materials Science and Engineering, Harbin Institute of Technology, Shenzhen 518055, China. She has Published many international articals in well known journals and some good articals is in pipeline. She is also visiting schelor at S-khan lab mardan KPK,Pakistan which have great contrubation in the form of scientific research to scientific cummonity as well as for local people.

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