Clinical Relevance of RNA Editing to Early Detection of Cancer in Human

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Abstract

DNA encodes RNA and is responsible for protein production in cells. RNA editing is the process by which genetic information is altered in the RNA molecule. RNA editing in cancer initiation, progression and development has been well documented and play an important role in tumorigenesis. Studying RNA editing and its application to change genetic information after transcription, RNA-editing technology could be an important innovation in cancer and has the potential for more effective precision treatment. Bioengineering integration approach and artificial intelligence could revolutionize the entire field of RNA editing for early detection of cancer.

Biography

Mujib Ullah has completed his PhD from Humboldt University and postdoctoral studies from Stanford University School of Medicine. He is the medical investigator in the department of regenrative medicine. Organization and editor in chief for Artificial Intelligence in Cancer Journal. He has published more than 50 papers in reputed journals and has been serving as an editorial board member of American Journal of Bioscience and Bioengineering.