

RIBOSWITCH: AN AREA OF NOVEL BREAKTHROUGH IN RNA WORLD

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ABSTRACT

Fundamentally, riboswitches are known to be highly structured and conserved metabolite binding domains, known to be aptamer, which are locus within mRNAs. When we talk about RNA world, riboswitches are ranked among the trending topics. Since its discovery from 2002, there is a large amount of feature disclosed till now and thanks to computational analysis this finding are increasing every year with a fast rate. This work club up the information regarding new findings within the field of riboswitches, which include data about its new classes discovery and its application in the field of gene regulation mechanism, medical science, inter-cellular signalling, biosensors and many more.

KEYWORDS: *Riboswitches, Discovery, Gene Regulation, Medical, Signalling, Biosensors*

Article History

Received: 18 Dec 2019 | Revised: 27 Dec 2019 | Accepted: 13 Jan 2020
