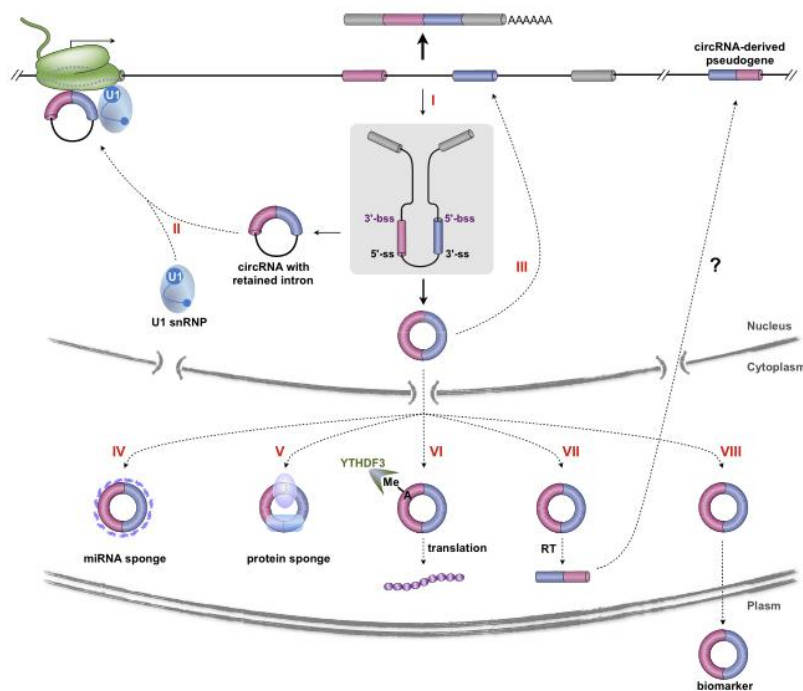


## circRNA Functional Analysis

Creative Biogene provides incomparable [circRNA functional analysis](#) service for customers worldwide. Our experienced scientists are available to assist you to reveal the biological function of circRNA through several strategies, including circRNA-FISH, circRNA inhibition and circRNA overexpression. Our one-stop service for circRNA functional analysis will facilitate your research project and explore the potential clinical applications of circRNA.

The recent researches reveal that circRNAs are evolutionarily conserved across plants, animals, and human beings, and have important biological functions like miRNA sponge, RBP sponge, alternative splicing, transcriptional/post-transcriptional gene regulation. Therefore, it is especially important to study the function of circRNA.



Comprehensive detection of circRNAs from high-throughput data is the first step to study their biogenesis and function. After obtaining candidate circRNA through RNA-seq, microarray and bioinformatics analysis, it is necessary to confirm its localization and manipulate its expression to further elucidate the biological function of circRNA. FISH service offered by Creative Biogene can be used to detect and localize specific circRNA in cells, tissues and tumor samples, which establishes a foundation to reveal the function of circRNA. In addition, Creative Biogene also provides circRNA inhibition and overexpression services to efficiently downregulate/upregulate the expression of circRNA and investigate the molecular mechanism of circRNA in cancer cell proliferation and apoptosis. It has a promising prospect in treating disease that are resultant of incorrect regulation of circRNA.