

Title:	MicroRNA pathways: an emerging role in identification of therapeutic strategies
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Abstract:	<p>For years researchers have exerted every effort to improve the influential roles of microRNA (miRNA) in regulating genes that direct mammalian cell development and function. In spite of numerous advancements, many facets of miRNA generation remain unresolved due to the perplexing regulatory networks. The biogenesis of miRNA, eminently endures as a mystery as no universal pathway defines or explicates the variegation in the rise of miRNAs. Early evidence in biogenesis ignited specific steps of being omitted or replaced that eventuate in the individual miRNAs of different mechanisms. Understanding the basic foundation concerning how miRNAs are generated and function will help with diagnostic tools and therapeutic strategies. This review encompasses the canonical and the non-canonical pathways involved in miRNA biogenesis, while elucidating how miRNAs regulate genes at the nuclear level and also the mechanism that lies behind</p>

	circulating miRNAs.
Keyword:	mirna biogenesis; canonical pathways; non-canonical pathways; circulating mirnas; messenger-rnas; posttranscriptional regulation; intercellular communication; biogenesis pathways; mirna; metastasis; expression; cells; exchange; spectrum
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