

Name of Journal: *World Journal of Experimental Medicine*

Manuscript NO: 22384

Manuscript Type: Review

MicroRNA-regulated viral vectors for gene therapy

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Abstract

Safe and effective gene therapy approaches require targeted tissue-specific transfer of a therapeutic transgene. Besides traditional approaches, such as transcriptional and transductional targeting, microRNA-dependent post-transcriptional suppression of transgene expression has been emerging as powerful new technology to increase the specificity of vector-mediated transgene expression. MicroRNAs are small non-

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