Cite this as: Wei Wang, Yun-ping Luo, 2015. MicroRNAs in breast cancer: oncogene and tumor suppressors with clinical potential. *Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology)*, **16**(1):18-31. [doi:10.1631/jzus.B1400184]

MicroRNAs in breast cancer: oncogene and tumor suppressors with clinical potential

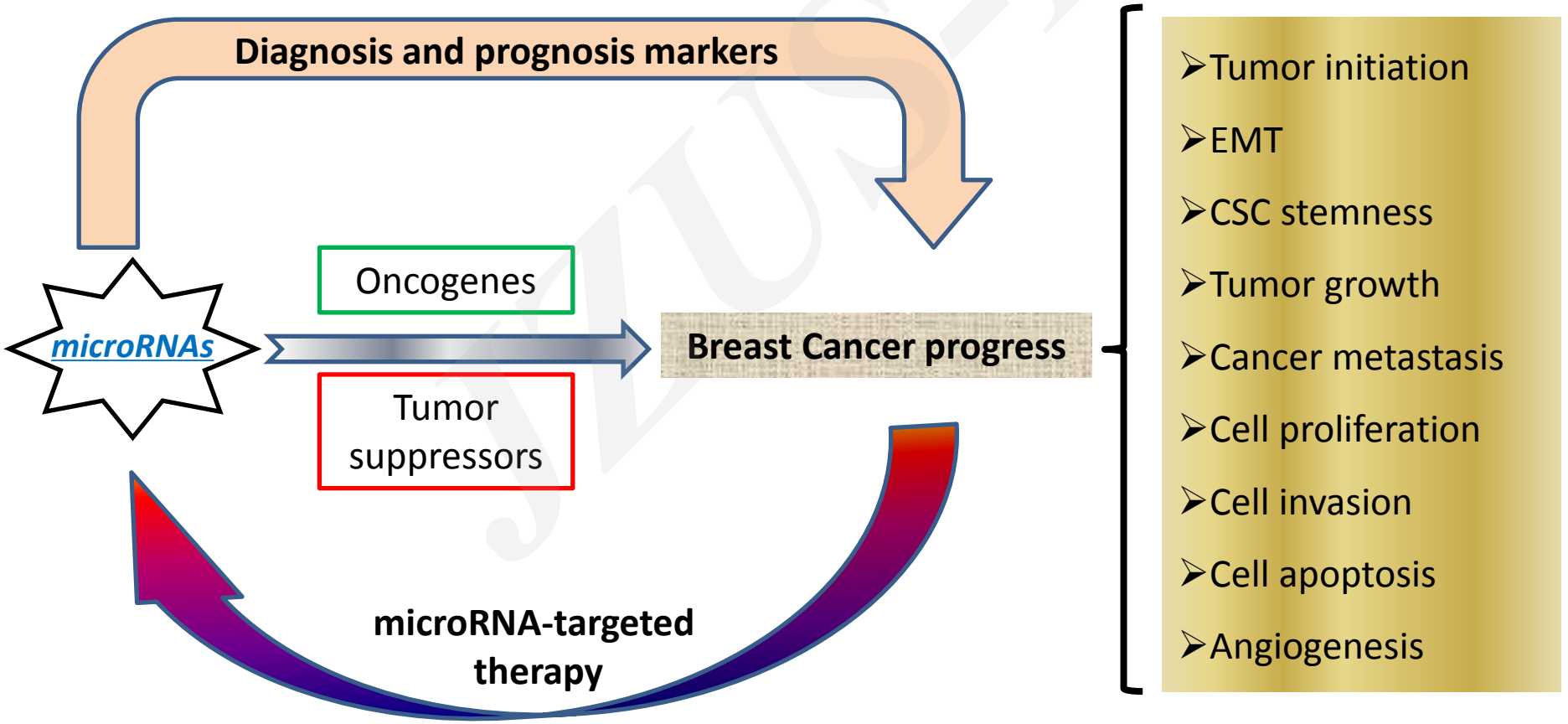
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Key words:

Breast cancer, MicroRNA, Oncogene, Tumor suppressors, Diagnosis marker, MicroRNA-based therapies

Research Summary

This review mainly focus on the functions of specifically selected microRNAs in breast cancer , and assess the potential value of these microRNAs with clinical potential.



Innovation points

- ***Table 1:*** Summary information about oncogenic microRNAs associated with breast cancer.

- ***Table 2:*** Summary information about tumor suppressive microRNAs associated with breast cancer.

- Based on published data, a probability analysis for microRNAs to be *diagnosis and prognosis markers* has been done.

- The ending part of this review states the prospects and main challenges for *microRNA-targeted therapy* in breast cancer.

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