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DNA methylation in the tumor microenvironment

Key words: Tumor microenvironment (TME), DNA methylation, Cancer-associated fibroblasts, Cancer-associated immune cells, Epigenetic therapy

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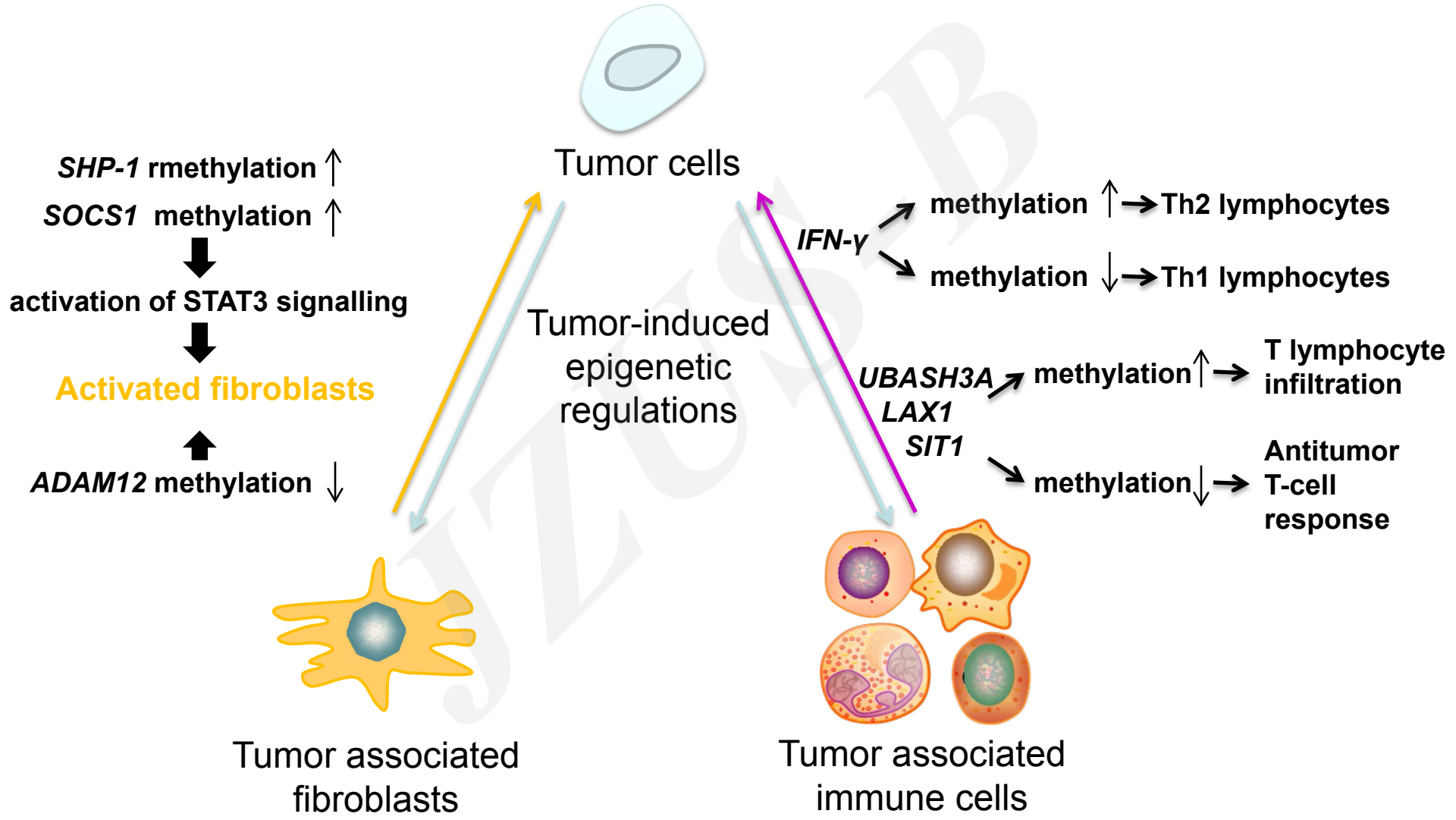
This review mainly focus on the crosstalk between tumor cells and tumor-associated stromal components. DNA methylation is involved in the activation of stromal cells, and the methylation of certain genes contributes to the procancerous activity of stromal cells.

Innovation points

- **Introduction** **of tumor-induced epigenetic regulations.**
- **Summary** **of the most updated research progress about how DNA methylation affects tumorigenesis through regulating tumor-associated stromal components including fibroblasts and immune cells.**
- **Evaluate** **the potential for targeting DNA-methylation for the treatment of cancers.**

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