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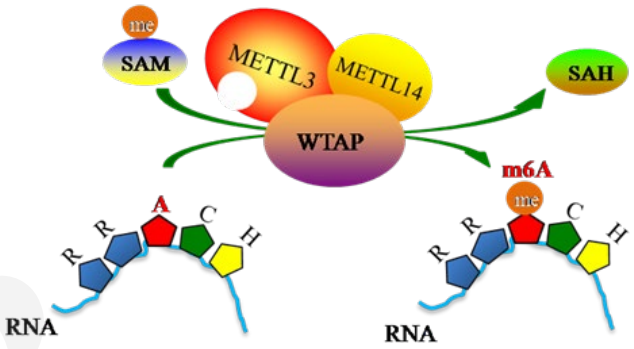
Epigenetic role of N^6-methyladenosine (m^6A) RNA methylation in the cardiovascular system

Key words: m^6A; RNA Methylation; Cardiovascular system; Metabolic disorder

Research Summary



This review mainly focused on N6-methyladenosine (m^6A), and summarized the key roles m^6A RNA methylation played in regulating following aspects：

- **Common cardiovascular diseases；**
- **Cardiovascular risk-related metabolic disorders；**
- **Cardiovascular risk-related external environmental factors；**

Innovation points

- **Introduction** of the biological function of m^{6}A modification.

- **Summary** of the recent advances of m^{6}A RNA methylation in pathological development of diseases in the cardiovascular system.

- **Emphasis** of the possible therapeutic values of m^{6}A for treating the development of cardiac defects and internal metabolic disorders.

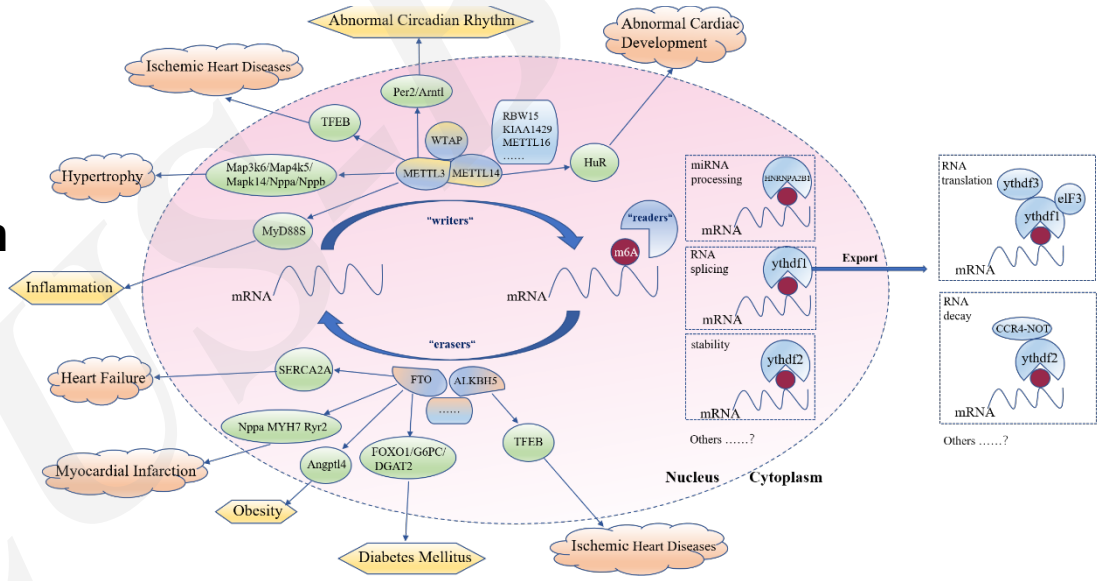


Figure 1