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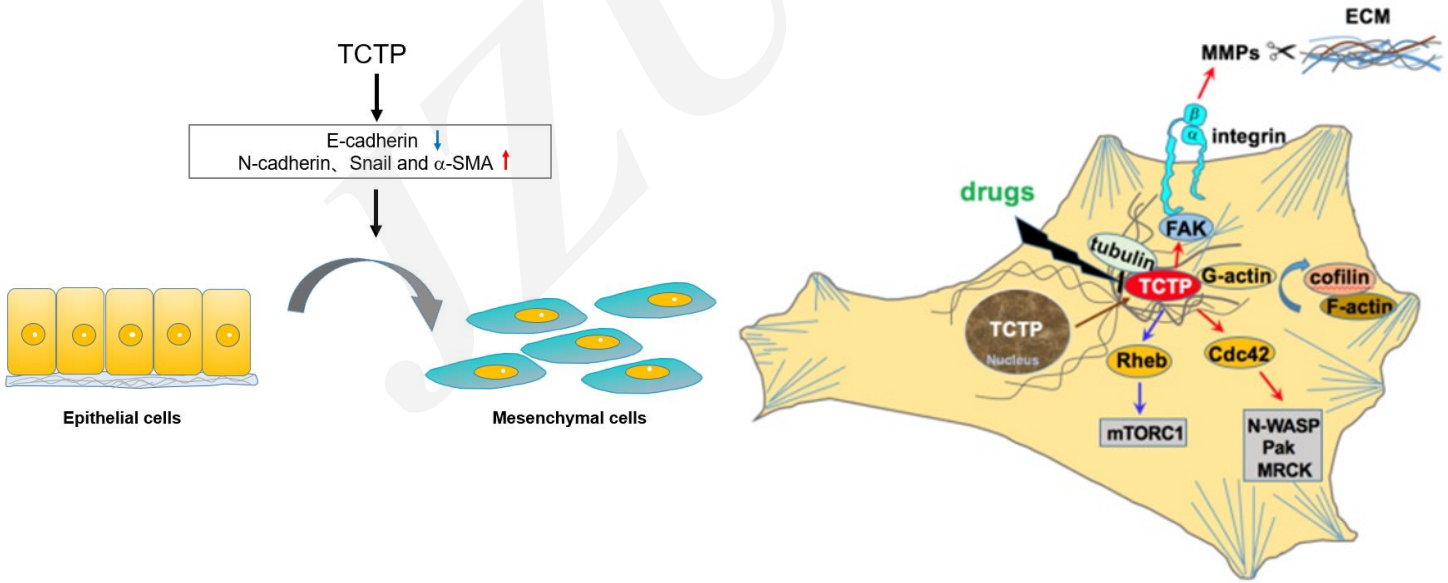
Translationally controlled tumor protein: the mediator promoting cancer invasion and migration and its potential clinical prospects

Key words: Translationally controlled tumor protein (TCTP), Invasion, Migration, Cancer, Clinical Drugs

Research Summary

This review mainly focused on the role of TCTP of promoting cancer cell invasion and migration, and summarized the anticancer effects of drugs achieved by reducing TCTP levels. As followings:

- **Secretion and degradation of TCTP**
- **TCTP has a high level of many types of malignant tumors**
- **Mechanism of TCTP in promoting cancer cell movement and drugs targeting TCTP for cancer treatment**



Innovation points

● **Introduction** **of the TCTP protein from structural domain to molecular functions.**

● **Summary** **of the most research progress about TCTP in cancer biology study.**

● **Emphasis** **of the mechanisms of TCTP in promoting cancer invasion and migration, and description of the current inhibitory strategy to target TCTP in cancerous diseases.**

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