

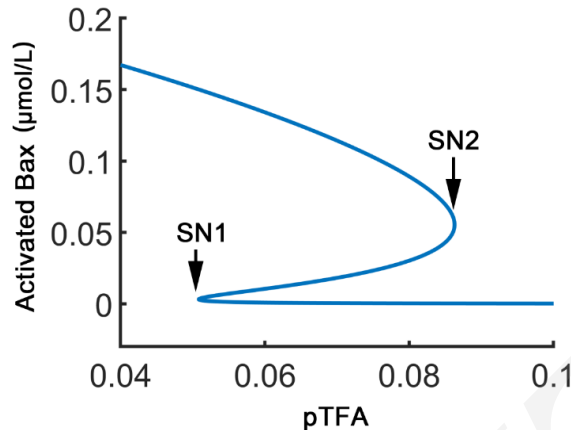
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Modeling the neuro-protection of theaflavic acid from black tea and its synergy with nimodipine via mitochondria apoptotic pathway

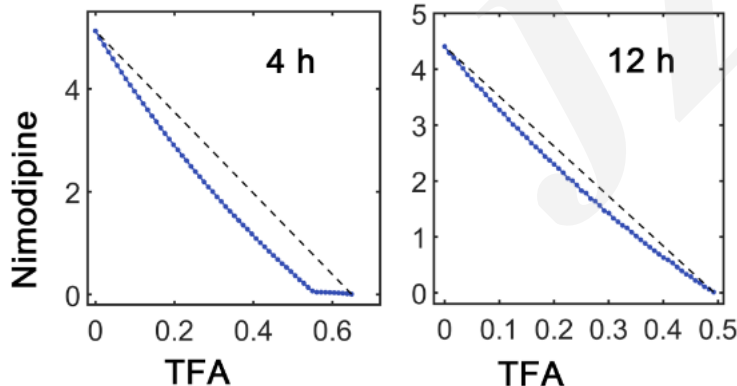
Key words: TFA; Nimodipine; Ischemic stroke; Apoptosis;
Synergy

Research Summary

This article mainly demonstrates that Theaflavic acid (TFA) treatment can produce bistability and TFA and shows synergy with Nimodipine. The key roles of TFA are summarized:



- Generation of bistability
- Synergy with Nimodipine
- Neuro-protection



Innovation points

- **Demonstration** of the mechanism of TFA-induced bistability and its protective role during OGD/R
- **Summary** of stochastic effects in survival or death after TFA treatment
- **Emphasis** of the synergistic effect of TFA and Nimodipine in neuro-protection

