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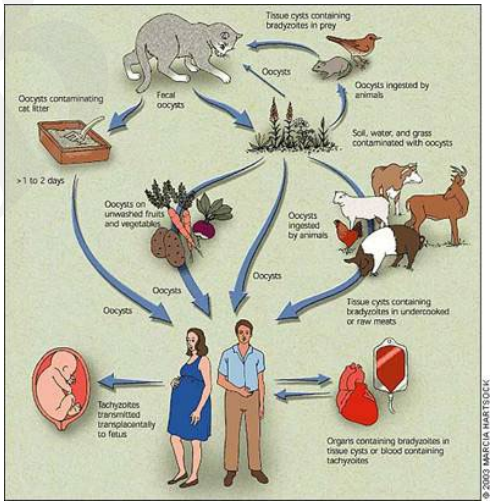
Toxoplasma gondii infection induces cell apoptosis via multiple pathways revealed by transcriptome analysis

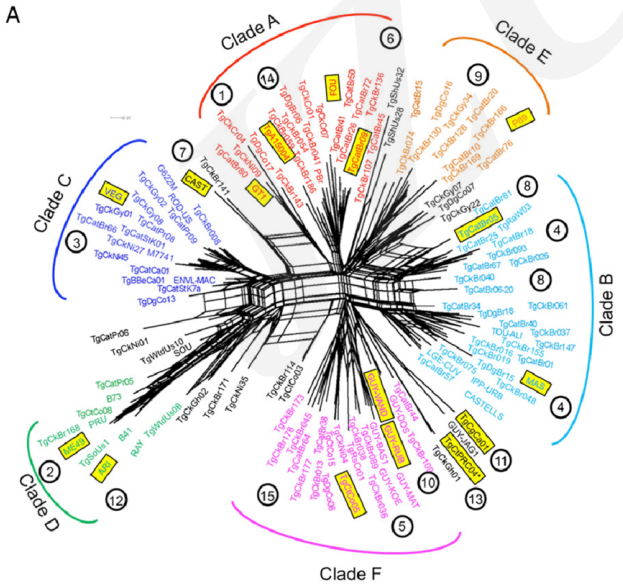
Key words: ***Toxoplasma gondii*; apoptosis; transcriptome analysisi;**

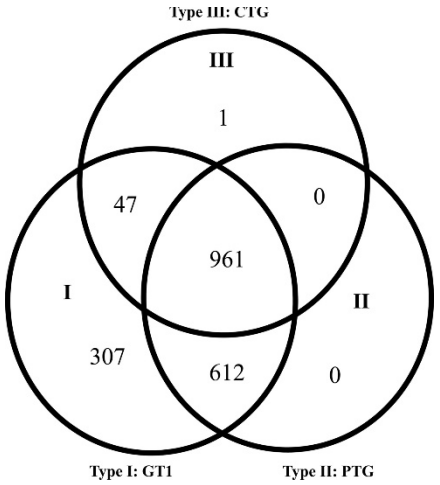
Research Summary

The severe situation of Toxoplasmosis, the mechanism of apoptosis induced by the infection of *T. gondii* remains obscure.

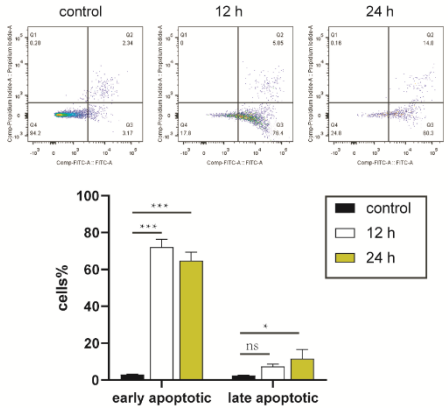
- **Population & life cycle of *T. gondii***
- **Clinical symptoms**
- **Isolates of *T. gondii***
- **Transcriptome analysis of three type isolates**

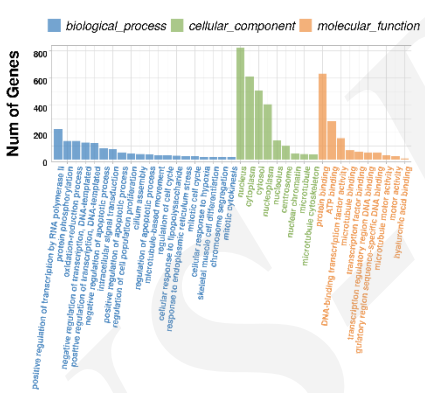


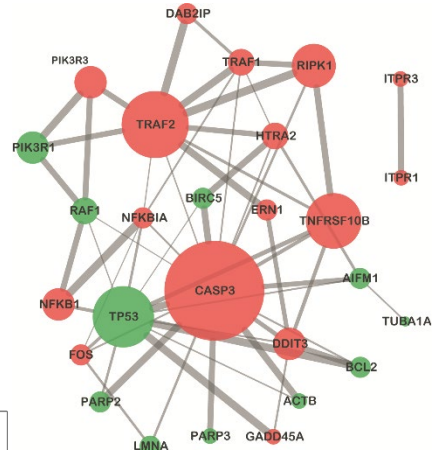


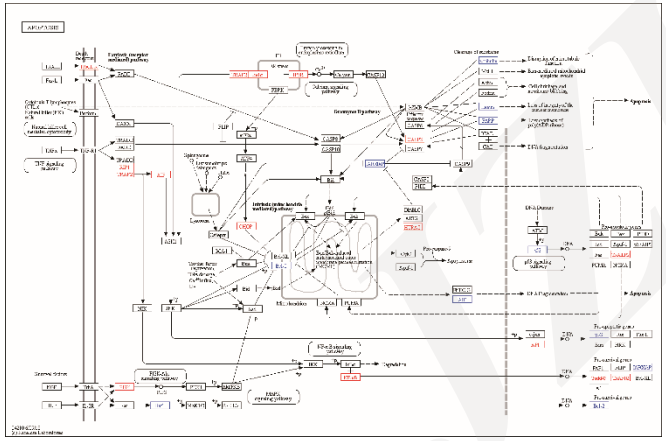


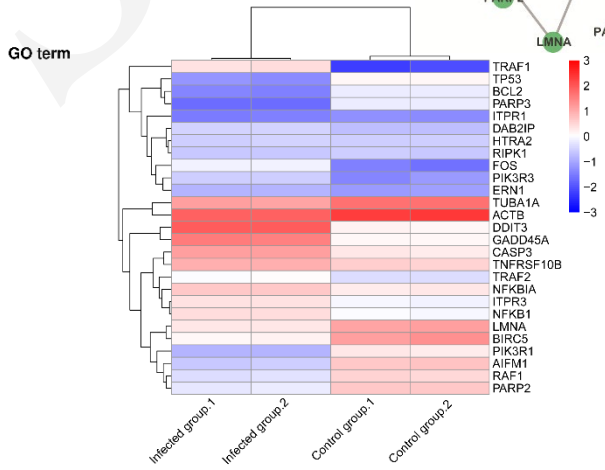
T. gondii RH strain could promote and mediate apoptosis through multiple pathways











Conclusion: *T. gondii* infection is a signal for apoptosis to eliminate impaired cells and limit parasite dissemination, but the parasite can obstruct cell death to survive and propagate