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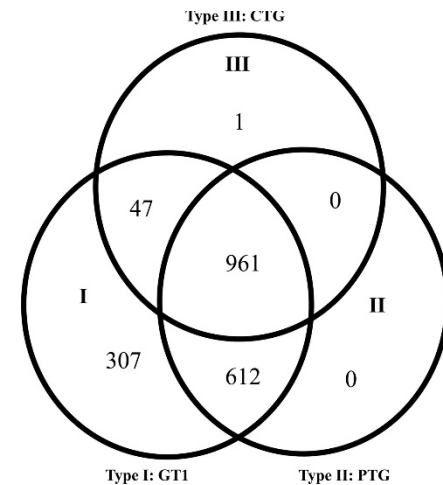
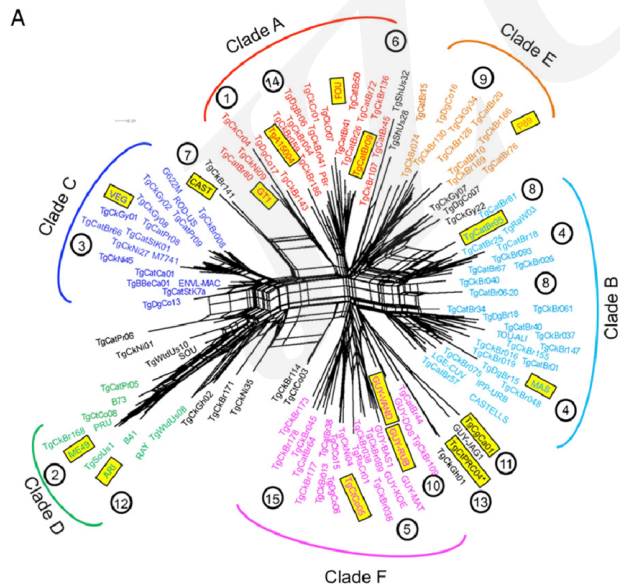
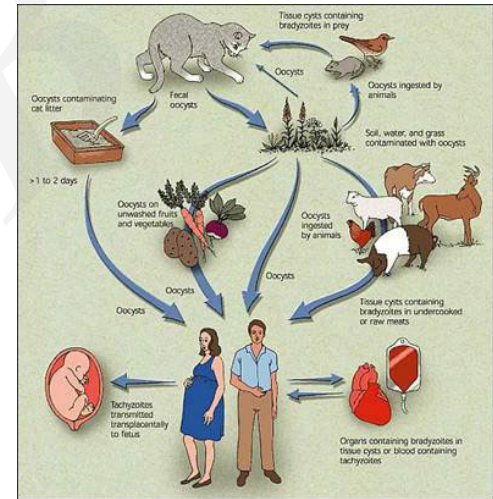
***Toxoplasma gondii* infection induces cell apoptosis via multiple pathways revealed by transcriptome analysis**

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

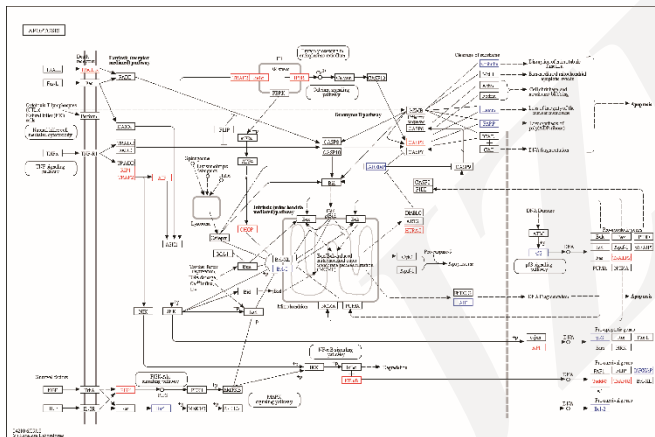
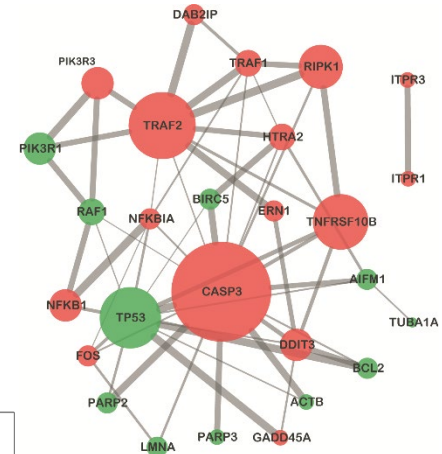
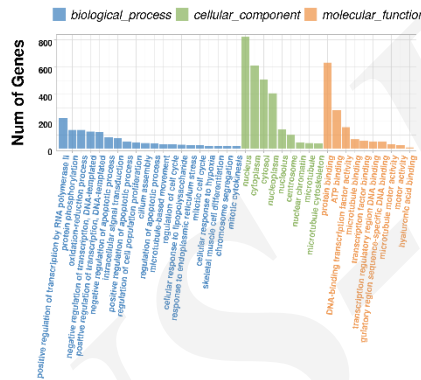
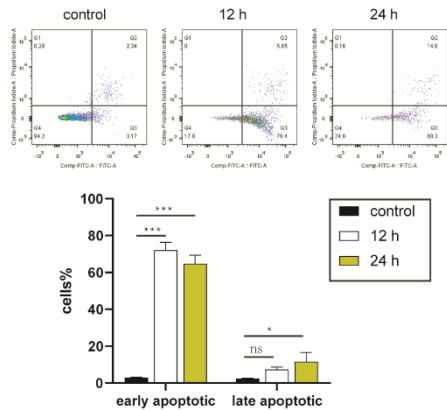
Research Summary

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

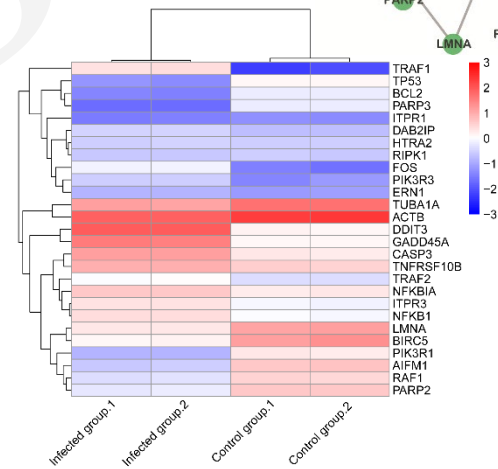
- Population & life cycle of *T. gondii*
- Clinical symptoms
- Isolates of *T. gondii*
- Transcriptome analysis of three type isolates



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



GO term



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