

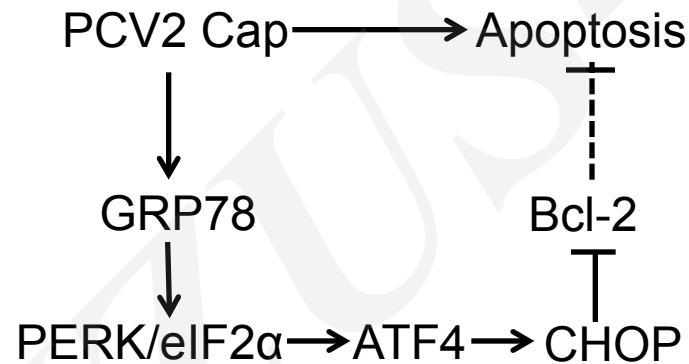
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Porcine circovirus type 2 capsid protein induces unfolded protein response with subsequent activation of apoptosis

Key words: Porcine circovirus 2, Capsid protein, Unfolded protein response, Apoptosis

Research Summary

This paper mainly focused on : which viral protein(s) of PCV2 might be involved in inducing UPR and whether this cellular event would lead to apoptosis?



Schematic model

Conclusion: Cap-induced UPR led to apoptotic response via the PERK/eIF2 α /ATF4/CHOP/Bcl-2 pathway.