CASE 1	**The ..... gene,**
DATA	Increases / Decreases slightly / strongly its expression when.....
CONCEPTUAL FRAME / MODEL	**As...** ☐ #Gene expression is regulated (#activated or #inhibited) by different #stimulus through its #promotor. ☐ Different environments can activate different genes as a response to balance the effects. ☐ Some genes can act as #supressors of a process, and other genes can act as #promotors of a process. ☐ Different #promotors account for different endogen #levels of expression and thus, different regulations of a process.
HYPOTHESIS (preliminary conclusion)	**So, we consider that this gene could play a role...** ☐ Promoting neuronal degeneration ☐ Preventing neuronal degeneration

DEVELOP A PUTATIVE MODEL: **In our opinion, the model would be...**

External Stimulus

Neuronal degeneration

GENE

Support your conclusion by drawing with arrows (big / small arrows and + / -) the stimulus-response pathway of this gene in relationship with neuronal degeneration as a conceptual map. **Explain your drawing with a text**, using *Inhibits / activates, promote / prevent, gene expression / neurodegeneration*

CASE 2	**The ..... gene,**
DATA	Increases / Decreases slightly / strongly its expression when.....
CONCEPTUAL FRAME / MODEL	**As...** ☐ #Gene expression is regulated (#activated or #inhibited) by different #stimulus through its #promotor. ☐ Different environments can activate different genes as a response to balance the effects. ☐ Some genes can act as #supressors of a process, and other genes can act as #promotors of a process. ☐ Different #promotors account for different endogen #levels of expression and thus, different regulations of a process.
HYPOTHESIS (preliminary conclusion)	**So, we consider that this gene could play a role...** ☐ Promoting neuronal degeneration ☐ Preventing neuronal degeneration

DEVELOP A PUTATIVE MODEL: **In our opinion, the model would be...**

External Stimulus

Neuronal degeneration

GENE

Support your conclusion by drawing with arrows (big / small arrows and + / -) the stimulus-response pathway of this gene in relationship with neuronal degeneration as a conceptual map. **Explain your drawing with a text**, using *Inhibits / activates, promote / prevent, gene expression / neurodegeneration*

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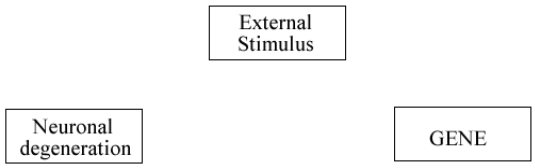
DEVELOP A PUTATIVE MODEL: **In our opinion, the model would be...**



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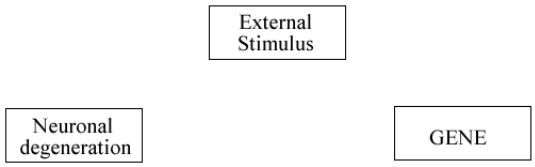

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