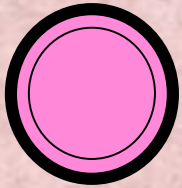



Stem Cell Game

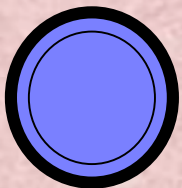
RULES


- The microenvironment secreted the appropriate growth factor. You can move forward along the pathway. Move forward!



The pink circles allow you to use the pink DNA chain () to jump to the next pink circle.

- Your stem cells have been affected by a mutagen. Your DNA needs to be repaired. Go BACK !



The blue circles force you to move along the blue DNA chain () and jump back to the previous blue circle.



Take a **yellow stem cell question card**. If you can't answer stay put until the next go and take another question. You can only proceed when you answer the next question correctly .



Case 18: You have had an accident and lost blood...
Case 60: You have been sun bathing for too long...
Case 84: You received a transplant...

You need to re-establish your normal cell populations by mobilizing stem cells.

You have to provide a correct answer to an **orange rescue question** in order to proceed. If you give the wrong answer, stay put until the next go and take another **orange question card**.