

6. Also, human cells have a much more efficient repair mechanisms in place to suppress transformation, in that, a life span of a mouse is about 2 and a half years, in comparison to 75 years for a human.

Summary:

1. The hallmarks of cancer include:
 - Self-sufficiency in growth signals – growth autonomy
 - Insensitivity to anti-growth signals – cell differentiation, tumour suppressor pathways
 - Evasion of apoptosis
 - Limitless replicative potential – avoidance of cell senescence
 - Sustained angiogenesis
 - Tissue invasion and metastasis

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