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ABSTRACT

Nowadays when we say genetics there is a very popular type of sickness that comes in our minds, Cancer. There are Tumor cells which cause cancer. In this symposium I would like to introduce Protein 53 at chromosome 17 also known as Tumor suppressor gene. This gene regulates the Cell cycle in multicellular organisms, they are so called as guardians of the cells because the regulation of the cells prevents the cell to complete its cycle perfectly and not end up as a tumor (Cancer cell). In this topic I will give details about Protein 53's relation with the genes, its nomenclature, structure, function and many more things about itself.