Biology

Cancer

- Complex group of diseases characterised by the uncontrolled growth and spread of abnormal cells which disturbed the tissues and other body parts, leading to tumors

Why does it happen

- During cell division mutation can occur
- Some molecules make cell divide too quickly and uncontrollably and it leads to tumor formation

Types of tumor

Benign tumor

- They are not cancerous
- They stay in one place and do not spread
- they are not dangerous

Malignant tumor

- They are cancerous
- they travel through the blood From secondary tumors and this process is called metastasis
- it damages both nearby and district tissues

Risk factors of the cancer

- Lifestyle environmental factors
- smoking cigarettes
- ionising radiations
- viral infection such as HPV cervical cancer

Genetic factors

- Some people inherit genes that increase cancer rate
- example brca increases the risk of cancer