

### Exercise 1: Official style

*Remove the official style from these sentences.*

1. *Autographa californica* multiple nucleopolyhedrovirus (AcMNPV) *exon0* (*orf141*) has been shown to be required for the efficient production of budded virus (BV). (18 words)

2. The numbers of nucleocapsids in the cytoplasm of cells transfected with the *exon0* KO virus were significantly lower than those in the cytoplasm of cells transfected with the repaired virus. (30 words)

3. These results support the conclusion that EXON0 is required in the BV pathway for the efficient egress of nucleocapsids from the nucleus to the cytoplasm. (25 words)

4. Identification of novel targets for the development of more effective antimalarial drugs and vaccines is a primary goal of the *Plasmodium* genome project. (23 words)

5. As its name suggests, tumor necrosis factor (TNF) is known to induce cytotoxicity in a wide variety of tumor cells and cell lines. However, its use as a chemotherapeutic drug has been limited by its deleterious side effects of systemic shock and widespread inflammatory responses. (44 words)

6. Understanding the cellular mechanisms and interactions between cellular components is instrumental to the development of new effective drugs and vaccines. (20 words)

7. These findings expose that the enhanced proliferative nature of human leukemia cells is caused by elevated NF- $\kappa$ B and FLIP responses and basal levels, reversible by sodium salicylate to allow greater apoptotic responsiveness of cytotoxic stimuli such as TNF. (38 words)

8. It is well documented that, in addition to abundant transposable elements, large arrays of satellite DNA, for instance the pAL1 satellite repeat in *Arabidopsis*, the CentO satellite repeats in rice, the CentC satellite repeat in maize, and the  $\alpha$  satellite repeat in human, are the most marked components of the centromeric regions. (52 words)

9. The amplification time of a CRR element was estimated by using average distances between the element and each of the other elements younger than it indicated by phylogenetic analysis. (29 words)

10. We generate the starting positions of repeats in the original sequence in two ways. One is to generate the starting positions of repeats randomly. The other is to let repeats appear in tandem. (33 words)