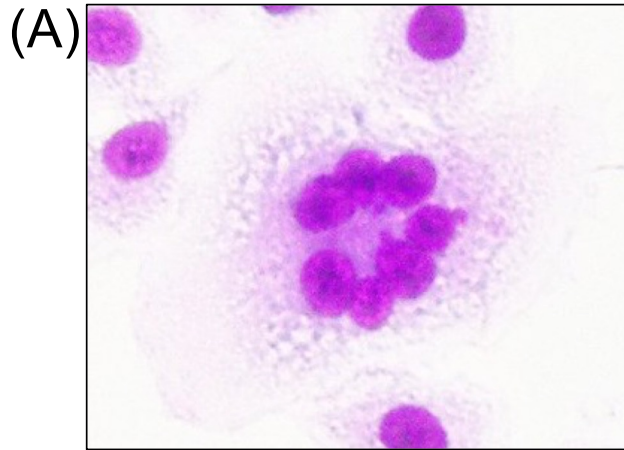
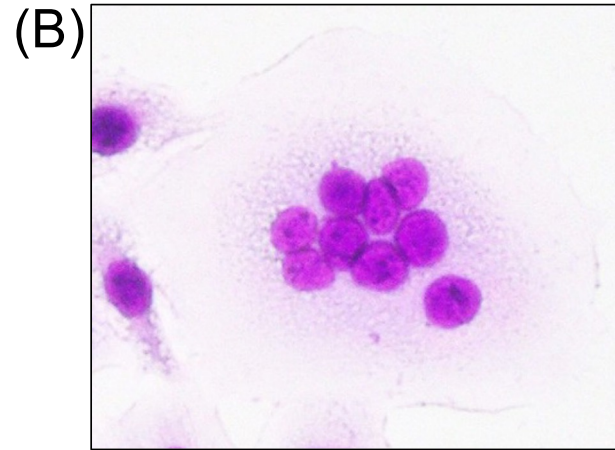


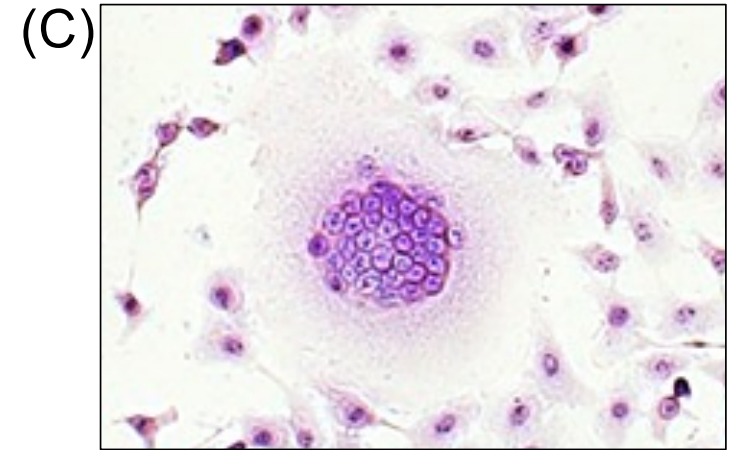
Syncytium Formation Assay



Syncytium possessing 7 nuclei



Syncytium possessing 9 nuclei



Syncytium possessing more than 20 nuclei

Syncytium cannot be formed by culture of BL312 cells alone (floating cells).

By culture of CC81 cells alone (adherent cells derived from feline) syncytium possessing a few nuclei can be formed, but any larger syncytium cannot be formed.

After co-culture of BL312 cells and CC81 cells for a week and after removing BL312 cells (floating cells), CC81 cells can form many syncytium possessing more than 5 nuclei like (A) and (B). Finally, syncytium possessing more than 20 nuclei can be formed like (C). This result indicates production of BLV from BL312 cells.