

OTU01 – HSV isolation

- 1) Brief summary of this virus isolation in cell culture technic
- 2) Explain the role of the different reagents you used
 - PBS
 - Trypsin + EDTA
 - DMED +10% FBS
- 3) Why do we put the flask at 37°C after adding trypsin?
- 4) Explain how you calculated the cell number concentration and total cell number in the original flask.
- 5) Explain the calculation for the 5ml suspension at a concentration of 5×10^5 cells/ml in DMEM +10% FBS.
- 6) Explain how to dilute the virus. How many cells are in the flask at the end (after virus inoculation)?
- 7) Why are we putting back everything in the incubator at 37°C?
- 8) Describe your results and comment on them.