

2024-2025 3D Biology-English Drama

| Characters | Student | | |
|----------------|---------------|----------|-----|
| Person 1 | HUI HOI SZE | Iris | 許凱斯 |
| Person 2 | LO LOK SI | Onna | 盧樂鋸 |
| Red blood cell | LEE MUK TING | Michael | 李沐庭 |
| Blood platelet | ZHANG YOUXUAN | Andy | 張宥煊 |
| Helper T cell | LEE CHUN PO | Paco | 李俊寶 |
| T cell | LAM YUET | Mary | 藍玥 |
| B cell | MAN SIN YING | Bernice | 文倩瑩 |
| Plasma cell | NG YAN LOK | Isaac | 伍恩樂 |
| Memory T cell | CHIU SUNG HEI | Angus | 趙崇熙 |
| Memory B cell | TSE MAN HEI | Heigance | 謝汶熹 |
| Phagocyte | FUNG ZHIJIE | Ken | 馮智傑 |
| Killer T cell | LO YAT SING | Harris | 盧逸昇 |
| Virus 1 | CHEN YIK SUM | Sam | 陳奕森 |
| Virus 2 | HUANG KI LOK | Rocky | 黃麒諾 |
| Virus 3 | LUO JIALE | Raymond | 羅嘉樂 |
| Virus 4 | YIP HO LAM | Kobe | 葉浩霖 |
| Virus 5 | ZHONG LOK YI | Lokyi | 鍾樂怡 |
| Virus 6 | YU LIK YIN | Derek | 余力言 |
| Virus 7 | LAW YU YAN | Emma | 羅宇恩 |
| Body cell | SHEK HOI CHI | Karina | 石凱慈 |
| VO-1 | SO TSZ WING | Phoebe | 蘇子詠 |
| VO-2 | HUNG LOK LAM | Kacy | 洪樂琳 |

Scene 1

Person A: (cough.....)

Person B: Why don't you cover your mouth and wear a mask! You are spreading germs! (looks angry)

Scene 2

Total 7 viruses(Virus A stands in front of 6 viruses) + plastic wrap(human epithelium in trachea)

Virus A: Hahaha~! We have got a chance to infect this poor guy! Follow me! Let's infect others!!!

(Virus A tears off the plastic wrap)

Scene 3

LED wall shows human body

VO-1: There are around 30 trillion cells in human body. They have different shapes and different functions. They all work hard for their master-humans.

(LED wall shows human lungs + Red blood cell are walking (pushing a cart with a box of oxygen) + body cell is next to red blood cell.)

VO-1: He is a red blood cell. He collects oxygen from lungs and distributes it to different body cells.

Red blood cell: Hi, this oxygen is for you.

Body cell: thank you so much. I need it to do respiration.

Virus 1: Attack! Infect and kill all the cells!

(Red blood cell and body cell run away.)

Scene 4

VO-1: He is helper T cell, the leader of our immune system. When he meets the virus, he will be activated and trigger a series of immune responses.

(Helper T cell meet virus 2)

Helper T cell: I found a virus. Now, I will wake my army up.

Scene 5:

VO-1: Helper T cell will secrete a chemical called lymphokines to activate other white blood cells. Now, he is activating T cell.

Helper T cell: Wake up, my T cell!

(Helper T cell throws some confetti + T cell stands up.)

VO-1: T cell is activated and is divided to become two different types of cells, killer T cell and memory T cell.

T cell: Change and divide! (squats down)

(Killer T cell and memory T cell stand up -> memory T cell leaves.)

VO-1: He is killer T cell. When our body cell is infected with a virus, he can kill the infected cell directly.

Virus 3 sticks an 'infect' paper on the body of cell head. Killer T cell goes and kills the infected cell.

Scene 6:

VO-2: Apart from T cell, helper T cell can also activate B cell.

Helper T cell: Wake up, my B cell!

(Helper T cell throws some confetti + B cell stands up.)

VO-2: B cell is activated and is divided to become two different types of cells, plasma cell and memory B cell.

B cell: Change and divide! (squats down)

(Plasma cell and memory B cell stand up -> memory B cell leaves.)

VO-2: He is plasma cell. He can produce a chemical weapon called antibody to kill virus directly.

Plasma cell: I can make antibody against specific germs and virus. (throws antibody to virus 4)

Scene 7

VO-2: Last but not least, helper T cell can also activate phagocytes.

Helper T cell: Wake up and help me to kill virus.

(Helper T cell throws some confetti + phagocytes stand up.)

VO-2: He is phagocyte. He can eat and digest germs and viruses.

Phagocyte: I can eat all intruders! (Phagocyte puts a rubbish bag on virus 5)

Scene 8

(Virus 6 and virus 7 rest their head on the table....dead -> memory T cell and memory B cell stand next to them and write something on the clipboard)

VO-2: Memory cells remember particular intruders, so if they appear in our body in the future, our immune system can mount the defense mechanism quickly.

Scene 9

(Helper T cell, T cell, B cell, killer T cell, plasma cell, phagocytes, memory T cell and memory B cell line up) + avenger music

VO-2: They are 'avengers'. They have different abilities and work together to protect our body against germs and viruses.

Show credits

Post-credits scene

Blood platelet comes out and uses some tape to fix the plastic wrap.
