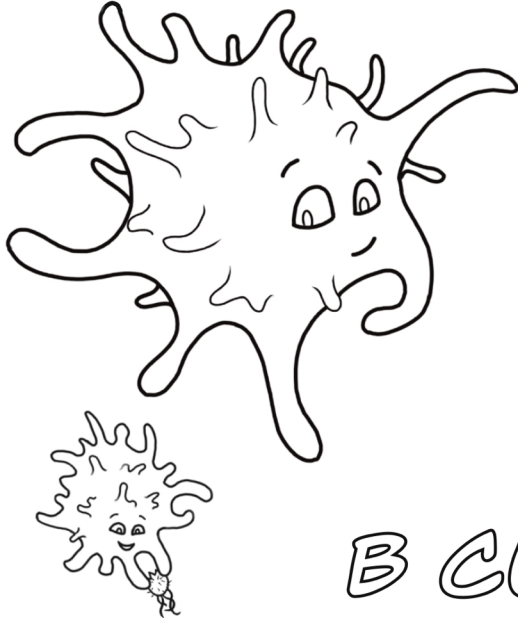
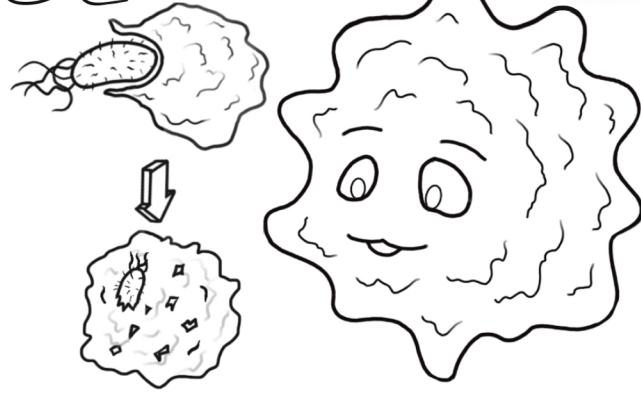


MACROPHAGE

THESE IMMUNE CELLS EAT OR 'ENGULF' VIRUSES AND BACTERIA TO HELP TO STOP THE SPREAD OF INFECTION EARLY ON! THESE ARE SOME OF THE FIRST CELLS ON THE SCENE WHEN A GERM INVADES!

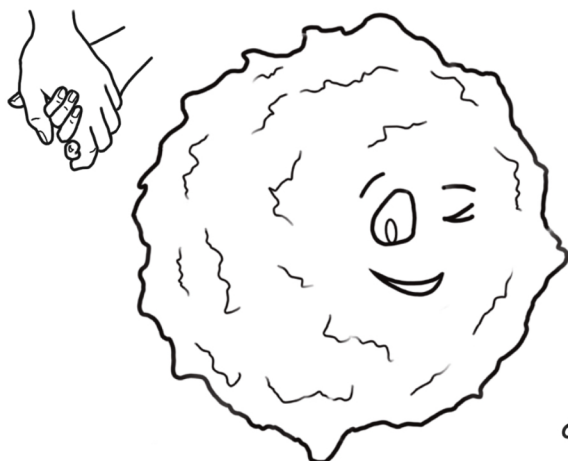


DENDRITIC CELL

THESE CELLS ALSO ENGULF GERMS! BUT ONCE THAT GERM IS CHEWED UP, DENDRITIC CELLS PRESENT A SMALL PART OF IT, CALLED A PEPTIDE, ON THEIR CELL SURFACE! T CELLS RECOGNISE THIS PEPTIDE AS A DANGER SIGNAL WHICH KICK STARTS THE FIGHT AGAINST THE INFECTION!

B CELL

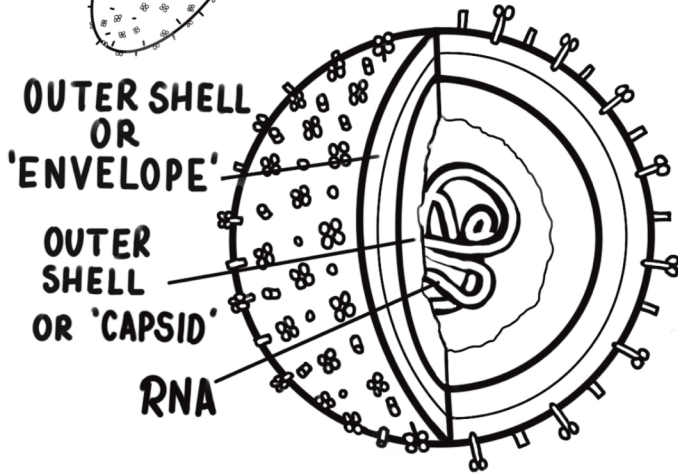
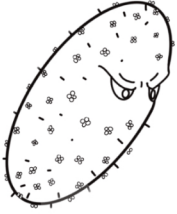
B CELLS MAKE ANTIBODIES! THESE ANTIBODIES ARE UNIQUE, Y-SHAPED MOLECULES THAT CAN STICK TO PROTEIN ON THE GERM'S SURFACE! THIS CAN STOP GERMS STICKING TO OUR CELLS AND DRAWS ATTENTION TO THE GERM AND HELPS IMMUNE CELLS FIND IT, MAKING IT EASIER FOR THE BODY TO STOP THE INFECTION!



T CELL

THERE ARE TWO TYPES OF T CELLS, KILLER AND HELPER CELLS! KILLER T CELLS DESTROY ALREADY INFECTED CELLS, WHEREAS T HELPER CELLS DO JUST THAT- HELP OTHER CELLS, LIKE B CELLS, DO THEIR JOB! T CELLS CAN ALSO HAVE MEMORY, TO STOP THE SAME GERM INVADING TWICE!

INFLUENZA VIRUS OR 'FLU'



SYMPTOMS: RUNNY NOSE, FEVER, HEADACHE, TIREDNESS, MUSCLE PAIN

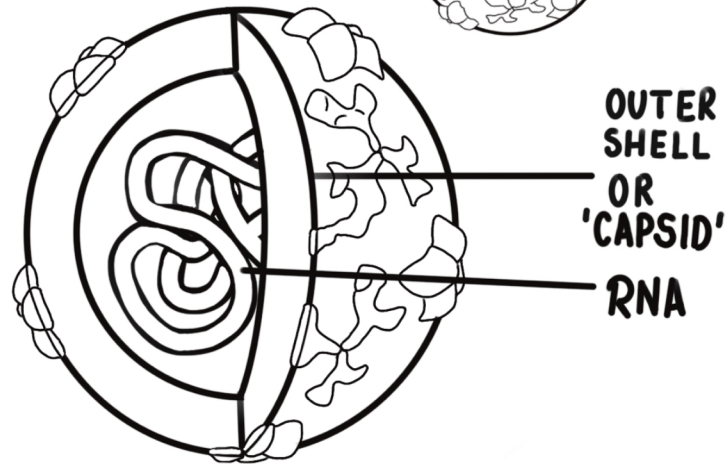
HOW TO STOP IT SPREADING:
CATCH IT, BIN IT, KILL IT!
KILL THE VIRUS BY WASHING YOUR HANDS!!

RHINOVIRUS OR 'A COLD'



SYMPTOMS: RUNNY OR BLOCKED NOSE, SORE THROAT, SNEEZING/ COUGHING

HOW TO STOP IT SPREADING:
CATCH IT, BIN IT, KILL IT!
KILL THE VIRUS BY WASHING YOUR HANDS!!



CORONAVIRUS

SYMPTOMS: FEVER, SHORTNESS OF BREATH, DRY COUGH, LACK OF TASTE AND SMELL, HEADACHE

HOW TO STOP IT SPREADING:
CATCH IT, BIN IT, KILL IT!

KILL THE VIRUS BY WASHING YOUR HANDS MORE OFTEN AND FOR AT LEAST 20 SECS!!

