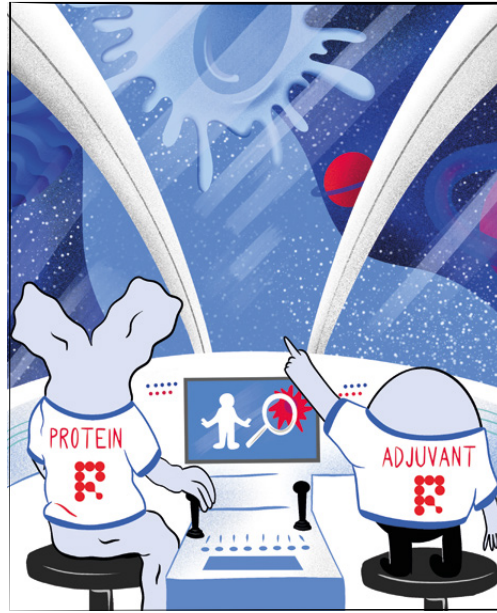
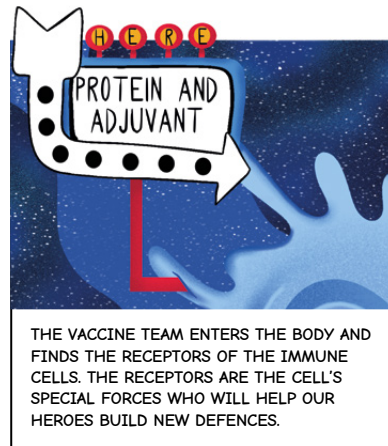
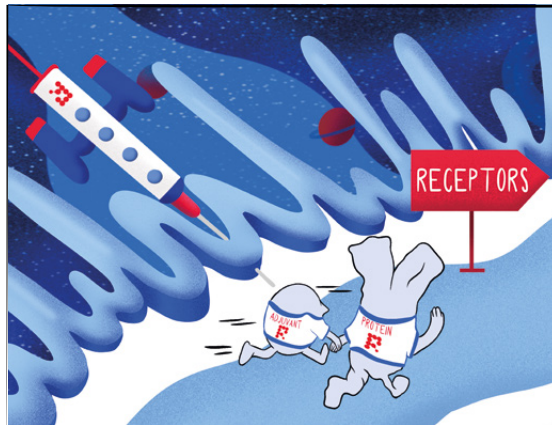


RBD COV

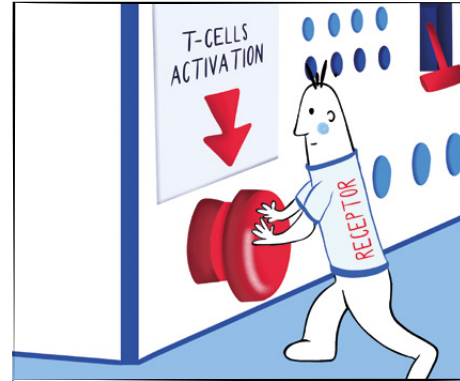
A VACCINE MISSION



IN A WORLD NEAR US BUT TOO SMALL TO SEE, OUR HEROES, PROTEIN (SARS-COV-2 RBD) AND ADJUVANT, THE VACCINE TEAM, ARE PREPARING FOR A MISSION.



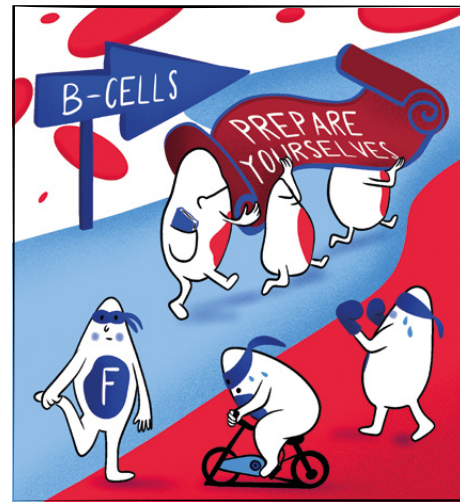
THE VACCINE TEAM ENTERS THE BODY AND FINDS THE RECEPTORS OF THE IMMUNE CELLS. THE RECEPTORS ARE THE CELL'S SPECIAL FORCES WHO WILL HELP OUR HEROES BUILD NEW DEFENCES.



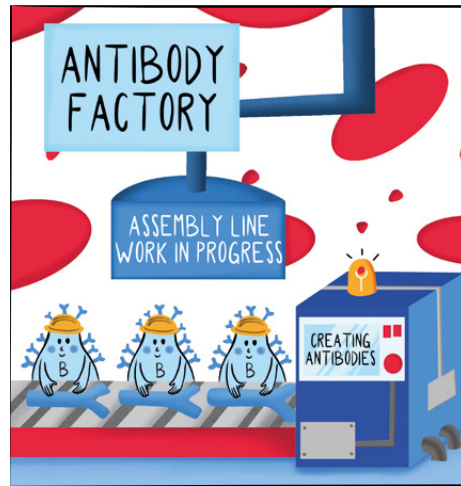
THE SPECIAL FORCES – THE RECEPTORS – ACTIVATE THE T-CELLS (BLOOD CELLS THAT ARE PART OF OUR IMMUNE SYSTEM). SOME T-CELLS ARE FIGHTERS AND OTHERS ARE HELPERS THAT WILL SPREAD IMPORTANT INFORMATION TO THE BODY.



BOTH TYPES OF T-CELLS START TO PLAN THEIR DEFENCE STRATEGY.



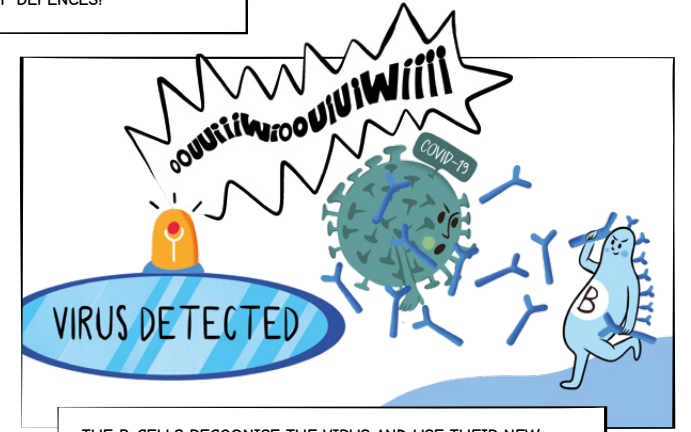
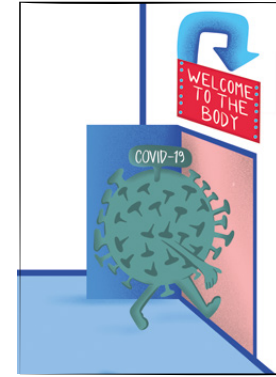
WHILE THE FIGHTER T-CELLS GET READY, THE HELPER T-CELLS TRAVEL AROUND THE BODY TO INFORM AND PREPARE THE B-CELLS, ANOTHER TYPE OF BLOOD CELL.



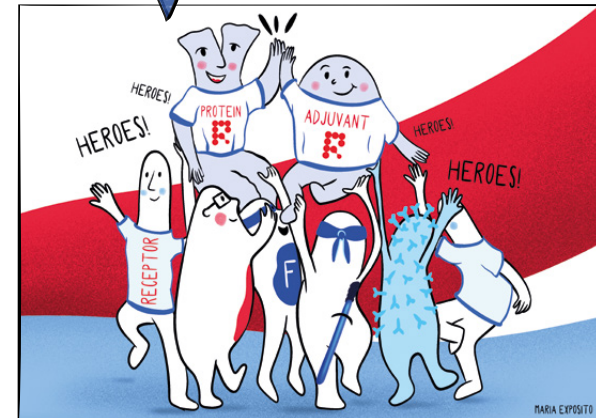
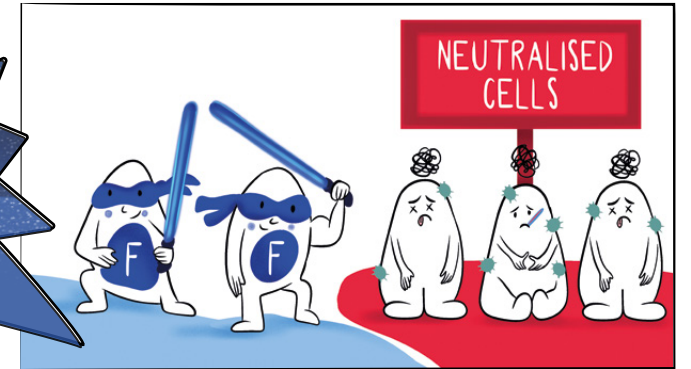
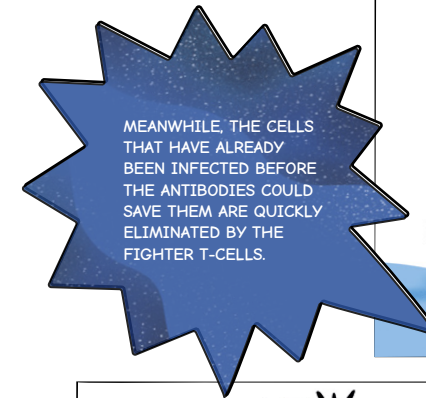
THE B-CELLS LEARN FROM THE HELPER T-CELLS THAT THEY NEED TO MAKE ANTIBODIES, WHICH WILL BE THEIR NEW WEAPONS AGAINST THE VIRUS.



ONE DAY SARS-COV-2 (THE VIRUS THAT CAUSES COVID-19) ENTERS THE BODY. LITTLE DOES THE VIRUS KNOW THAT IT WILL HAVE TO FACE A LINE OF DEFENCES!



THE B-CELLS RECOGNISE THE VIRUS AND USE THEIR NEW ANTIBODY WEAPONS TO NEUTRALISE IT.



MISSION ACCOMPLISHED! PROTEIN AND ADJUVANT, THE VACCINE TEAM, ARE CELEBRATED AS OUR HEROES FOR HELPING THE BODY PREPARE AND DEFEAT THE VIRUS.