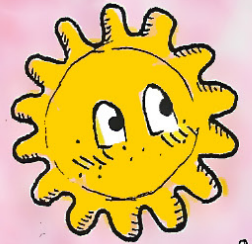
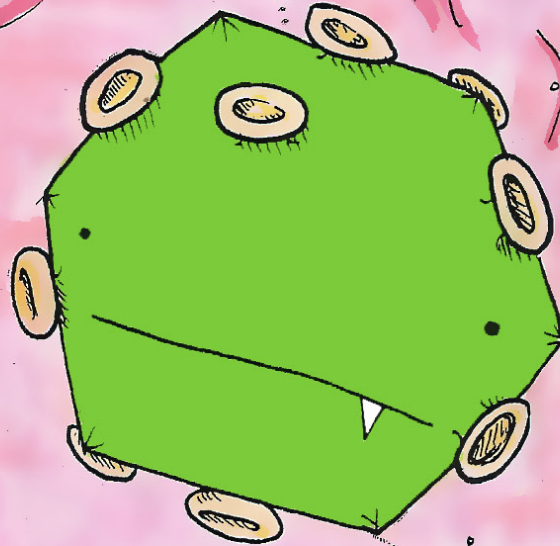
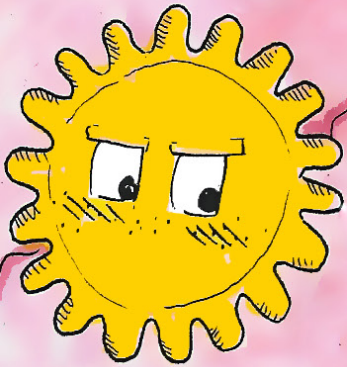


WHAT IS HIV?

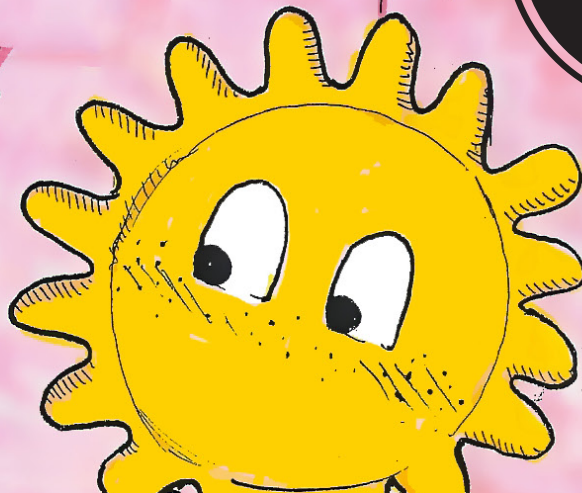


WHAT DOES HIV DO IN THE BODY?

WHAT IS ARV MEDICINE?

WHAT ARE THE DIFFERENT KINDS OF ARVS?

... AND MANY MORE QUESTIONS ANSWERED!





THIS IS AN AVERAGE HUMAN BODY.

**AND THIS IS THE BODY OF
SOMEONE WITH HIV.**



**THEY ARE ALMOST IDENTICAL, UNTIL YOU
LOOK CLOSELY...**



... REALLY, REALLY CLOSELY...

THE BODY IS FULL OF THINGS CALLED CELLS....



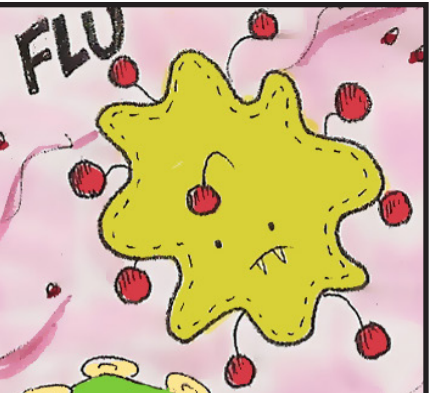
RED BLOOD CELL



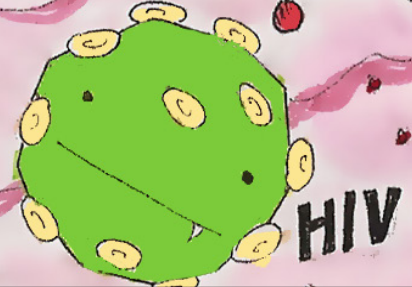
WHITE BLOOD CELL



T-CELL



FLU



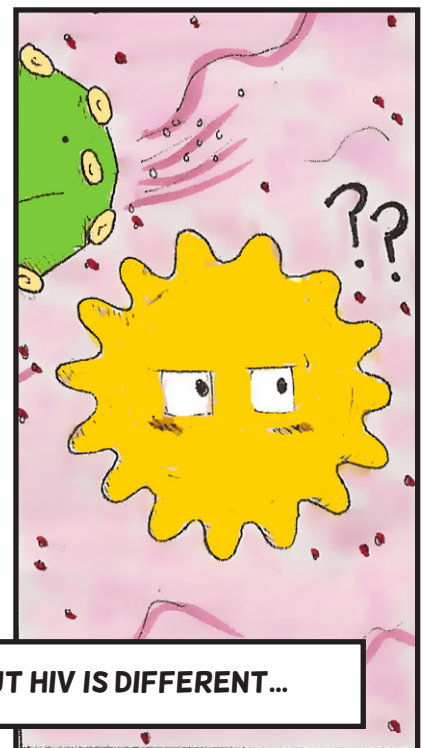
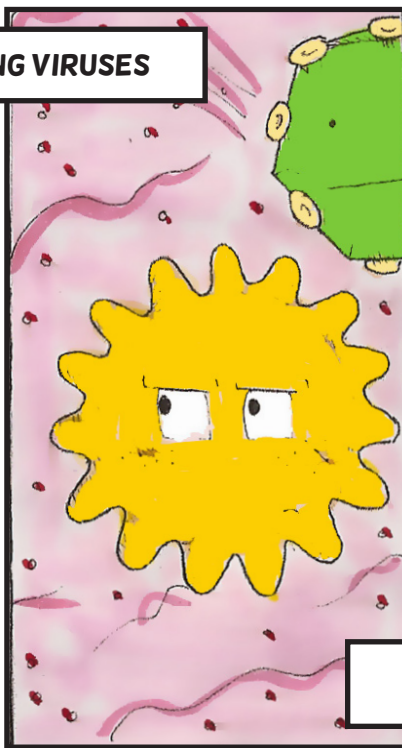
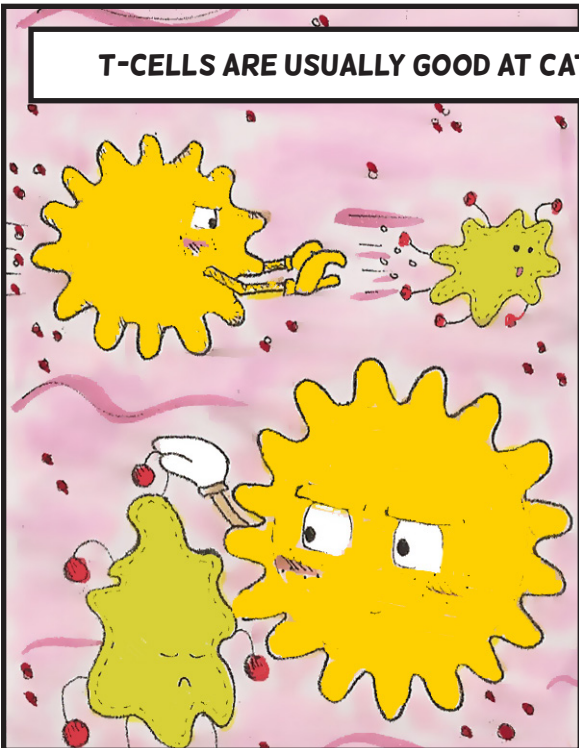
HIV

THAT FIGHT VIRUSES, LIKE THE FLU OR HIV.

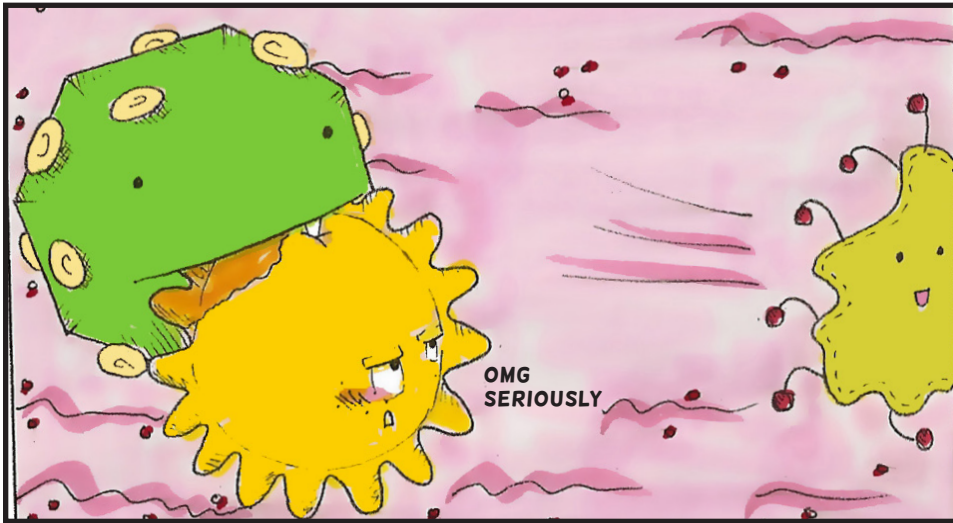
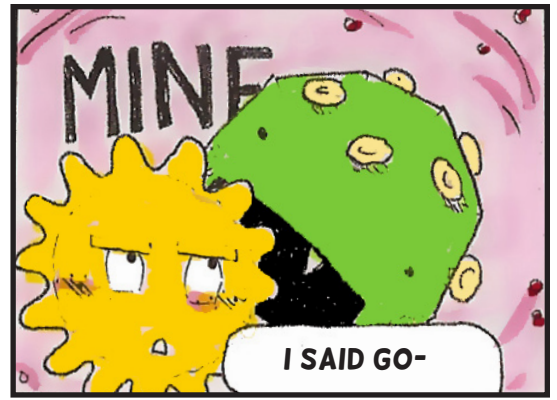
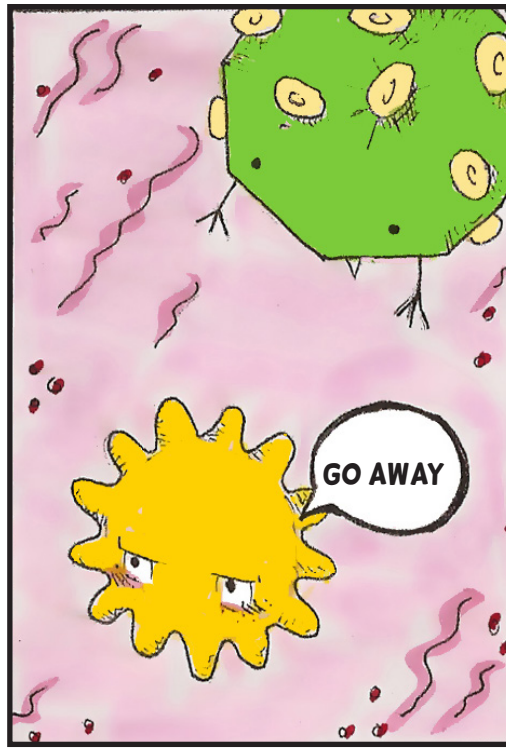
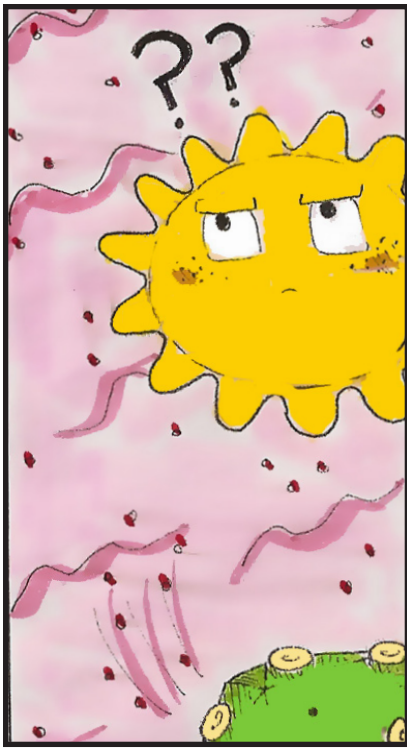
T-CELLS ARE GOOD CELLS THAT WORK INSIDE THE BODY.

THEY PROTECT PEOPLE FROM VIRUSES, CATCHING THEM AND MAKING SURE THAT THEY DONT TURN INTO ILLNESS LIKE COLD OR FLU.

T-CELLS ARE USUALLY GOOD AT CATCHING VIRUSES

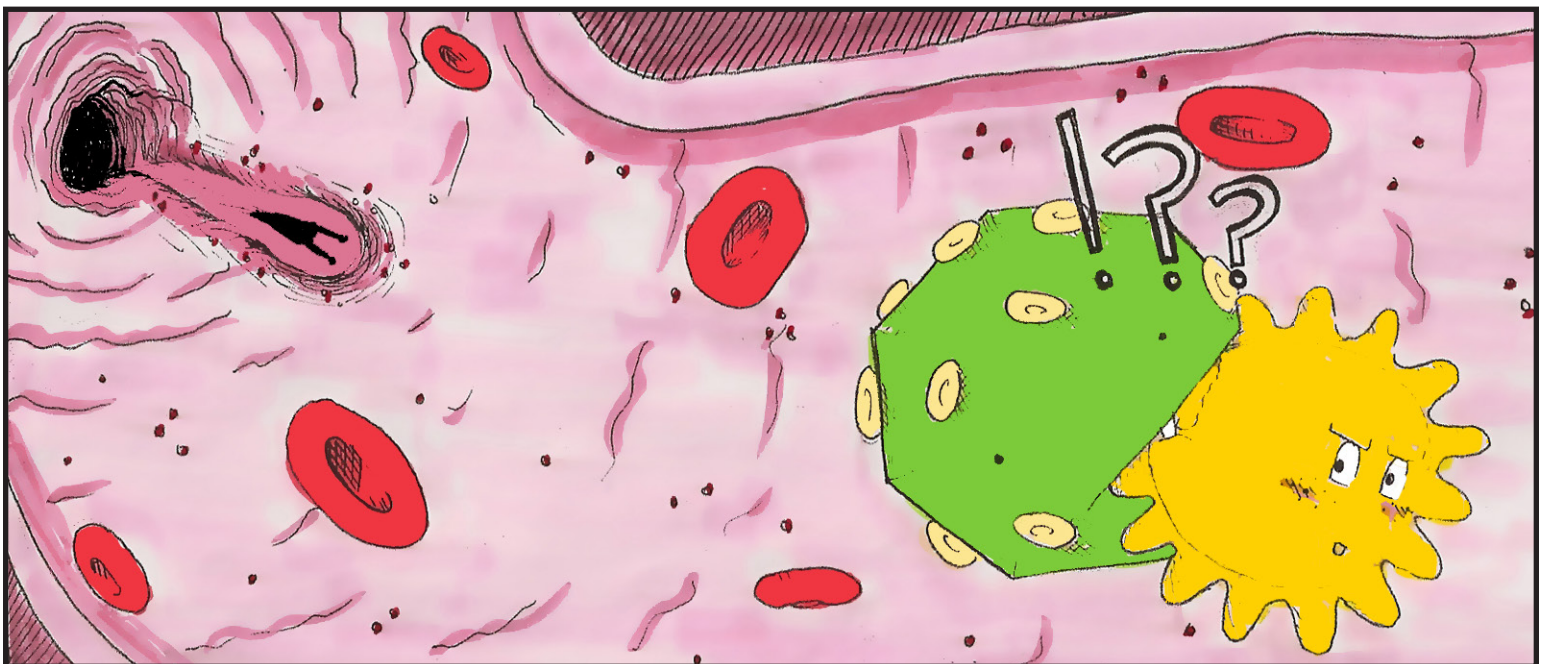


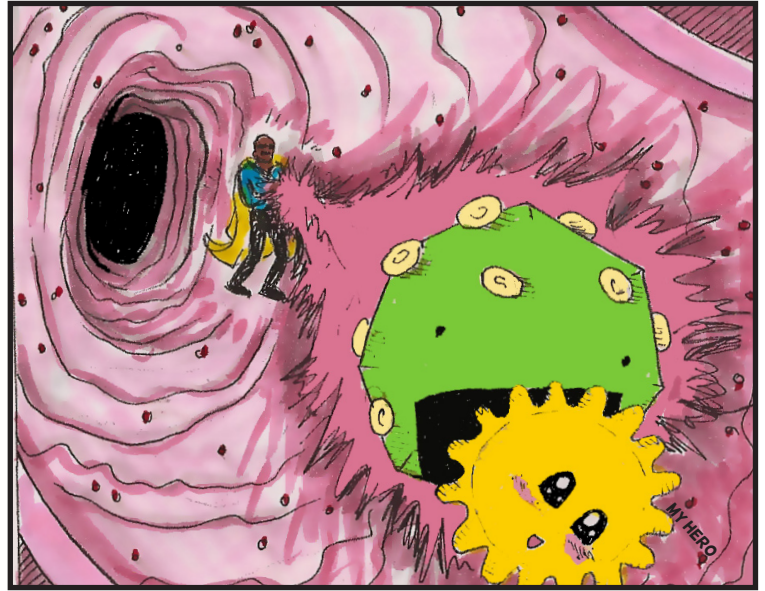
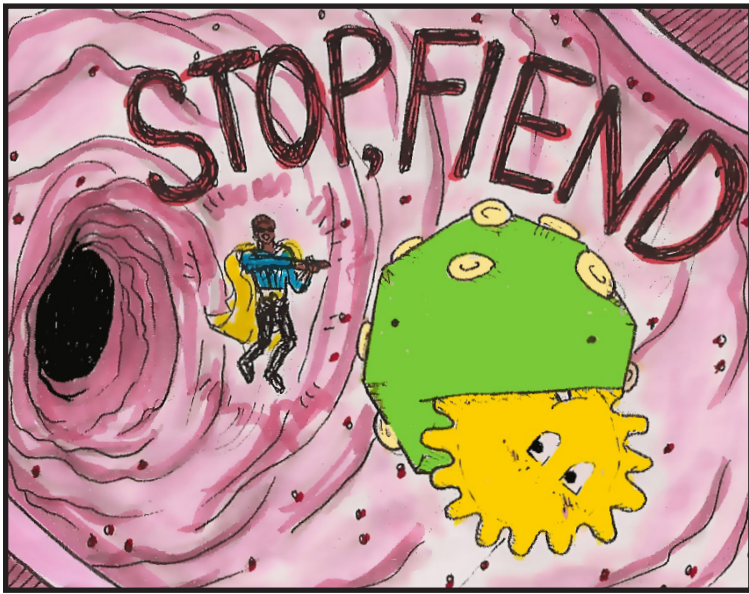
BUT HIV IS DIFFERENT...



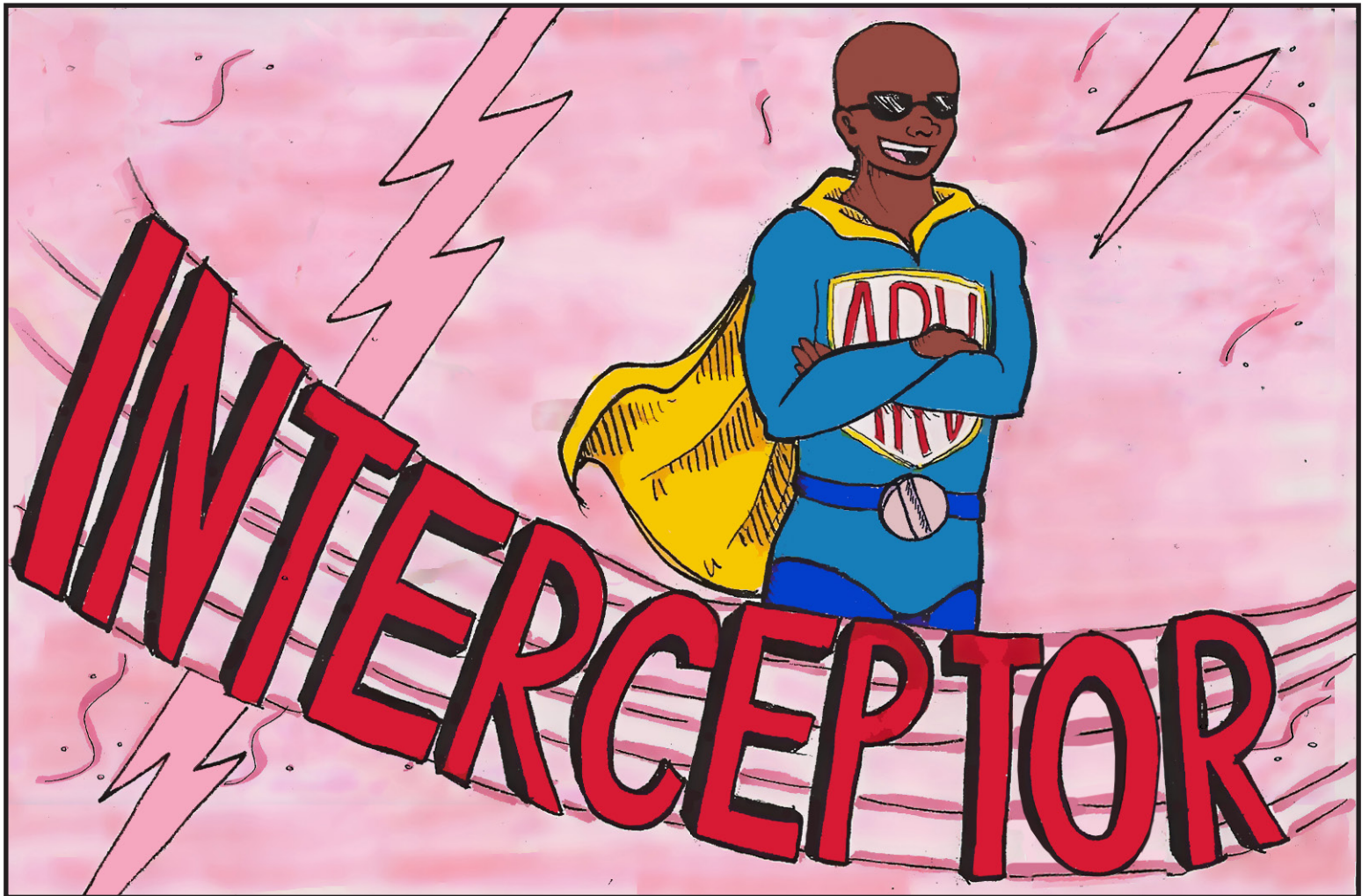
**HIV LATCHES ON TO T-CELLS,
SLOWING THEM DOWN AND
PREVENTING THEM FROM DOING
THEIR JOB OF PROTECTING US.**

**LUCKILY, T-CELLS CAN GET SOME
OUTSIDE HELP...**



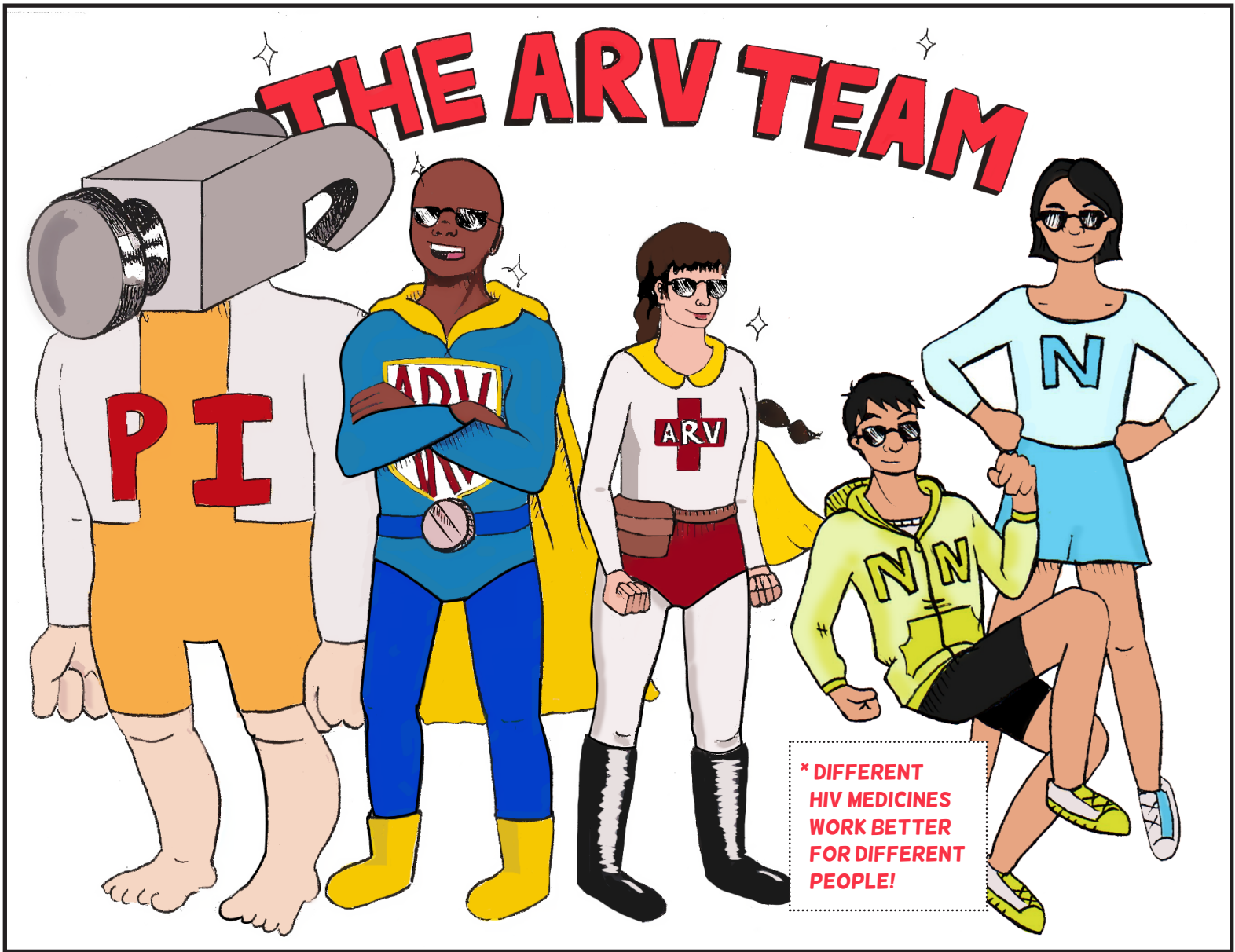


FROM MEDICINAL SUPERHEROES, LIKE INTERCEPTOR!



INTERCEPTOR SWOOPS IN, BLASTING HIV AND T-CELLS APART, SO THE T-CELLS ARE FREE TO CIRCLE THE BODY WITHOUT BEING BURDENED BY HIV. BUT HE ISNT THE ONLY MEMBER OF THE ARV TEAM...

HIV MEDICINE COMES IN 5 DIFFERENT TYPES, EACH ONE A MEMBER OF THE ARV TEAM.



MEET THE ANTIRETROVIRAL (ARV) TEAM (ANN-TIE-REH-TRO-VIE-RULL)

HAMMERHEAD

REAL NAME:
PROTEASE INHIBITOR (PI)

**DESTROYS HIV SO IT
CANT MAKE COPIES OF
ITSELF**

INTERCEPTOR

REAL NAME:
ENTRY INHIBITOR (EI)

**PREVENTS HIV
FROM ATTACHING
TO T-CELLS**

THE DOC

REAL NAME:
INTEGRASE INHIBITOR (INSTI)

**STOPS HIV FROM TAKING
CONTROL OF T-CELLS**

NON-NUKES

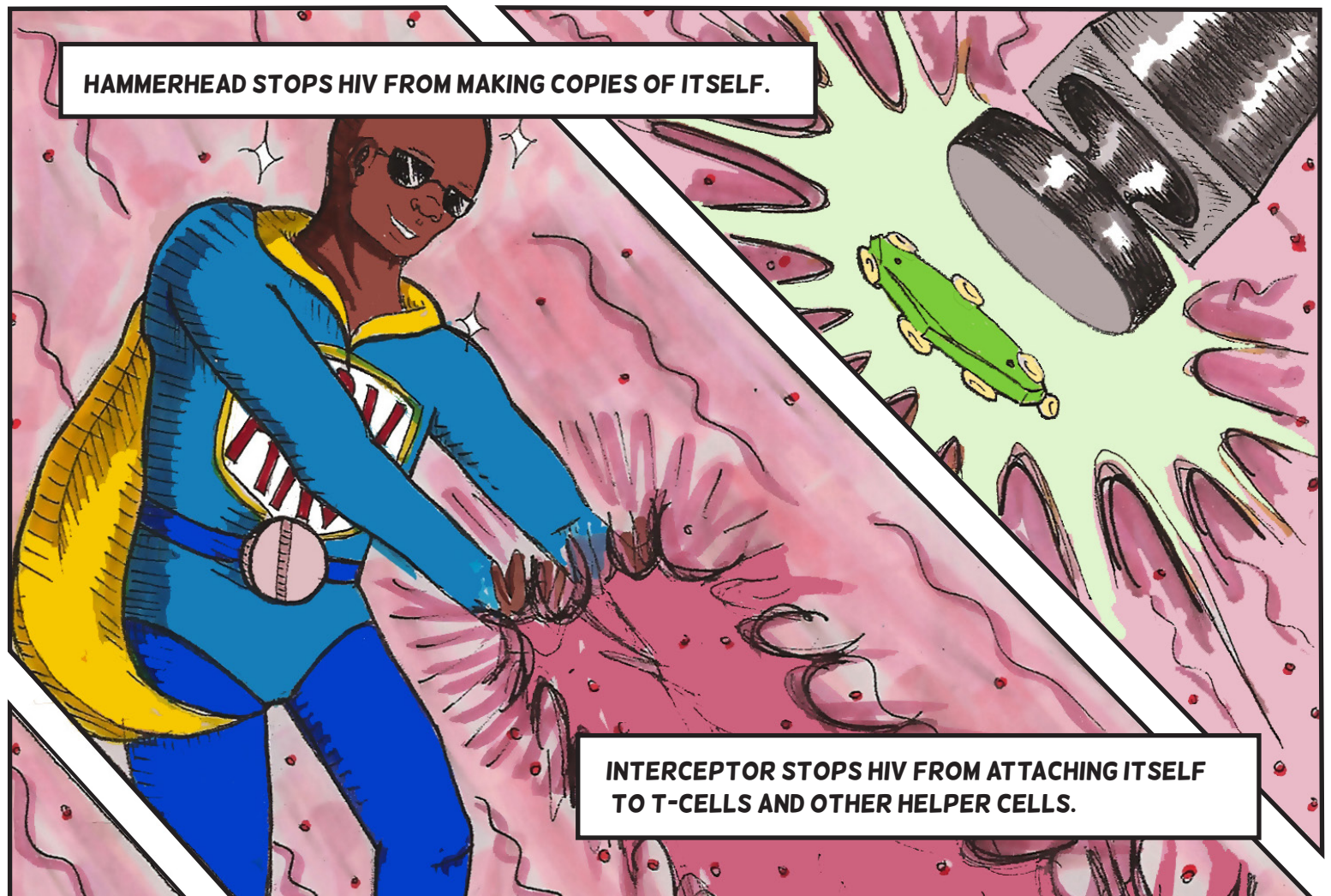
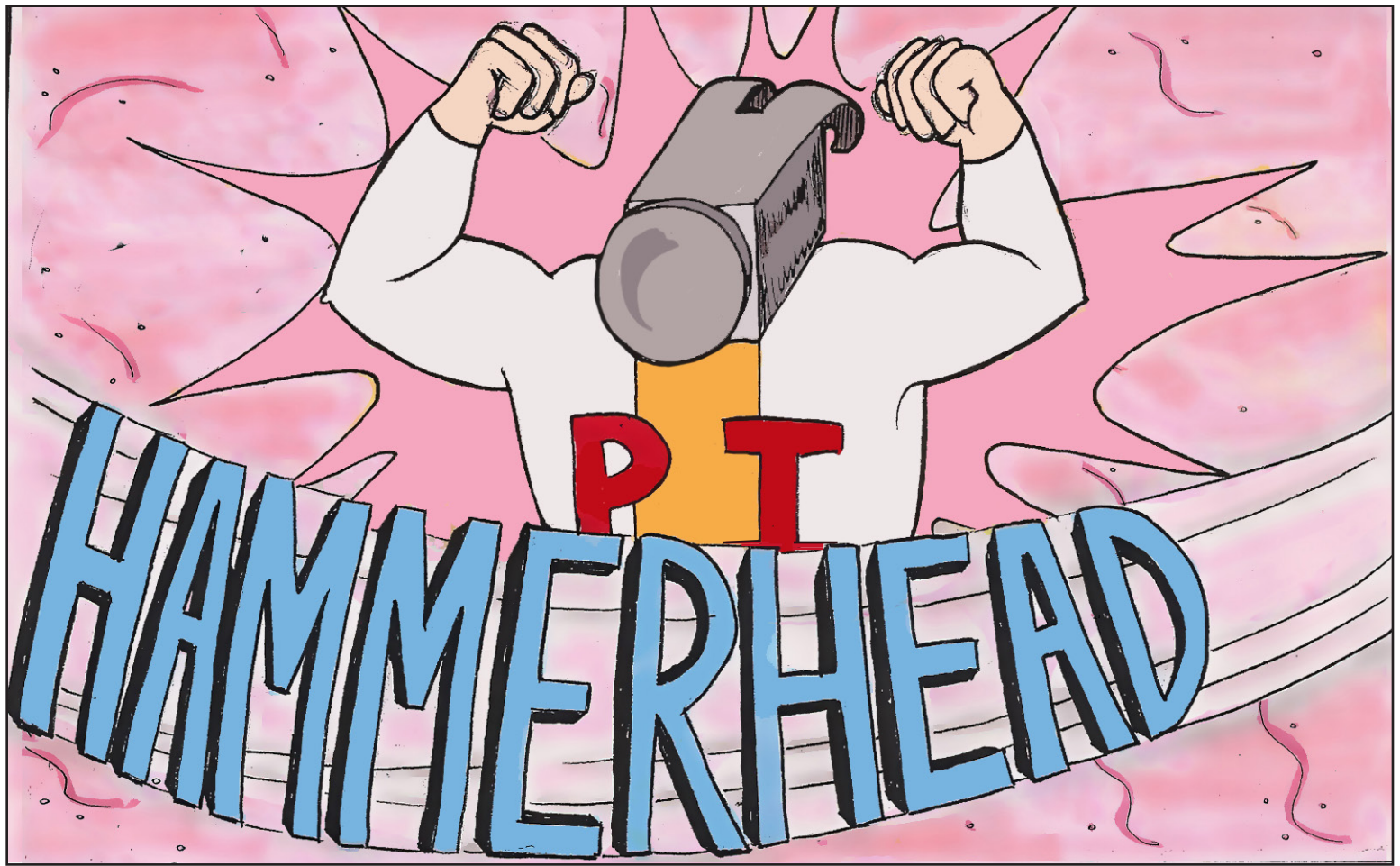
REAL NAME:
NON-NUCLEOSIDE REVERSE
TRANSCRIPTASE
INHIBITORS (NNRTI)

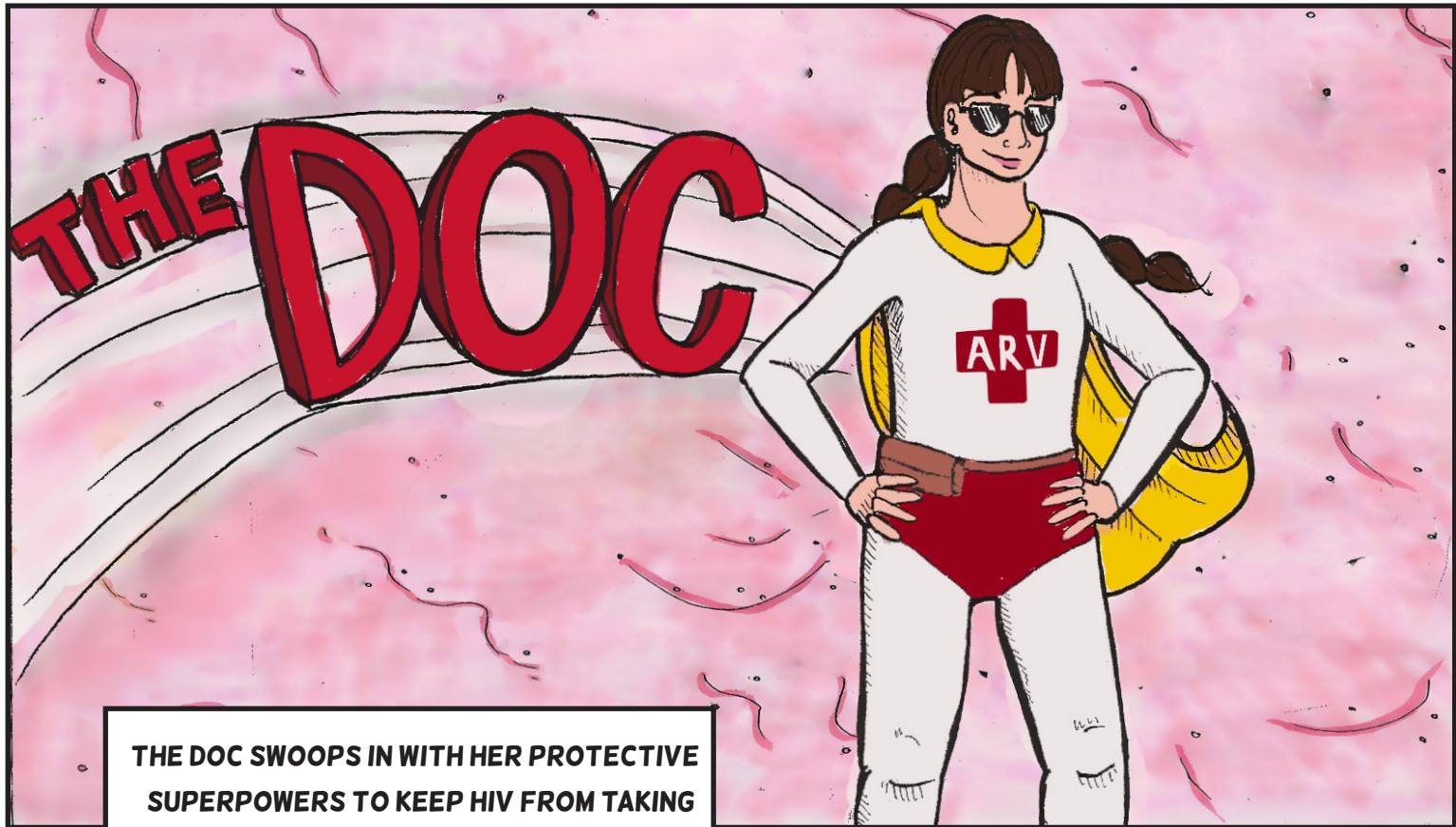
&

NUKES

REAL NAME:
NUCLEOSIDE REVERSE
TRANSCRIPTASE
INHIBITORS (NRTI)

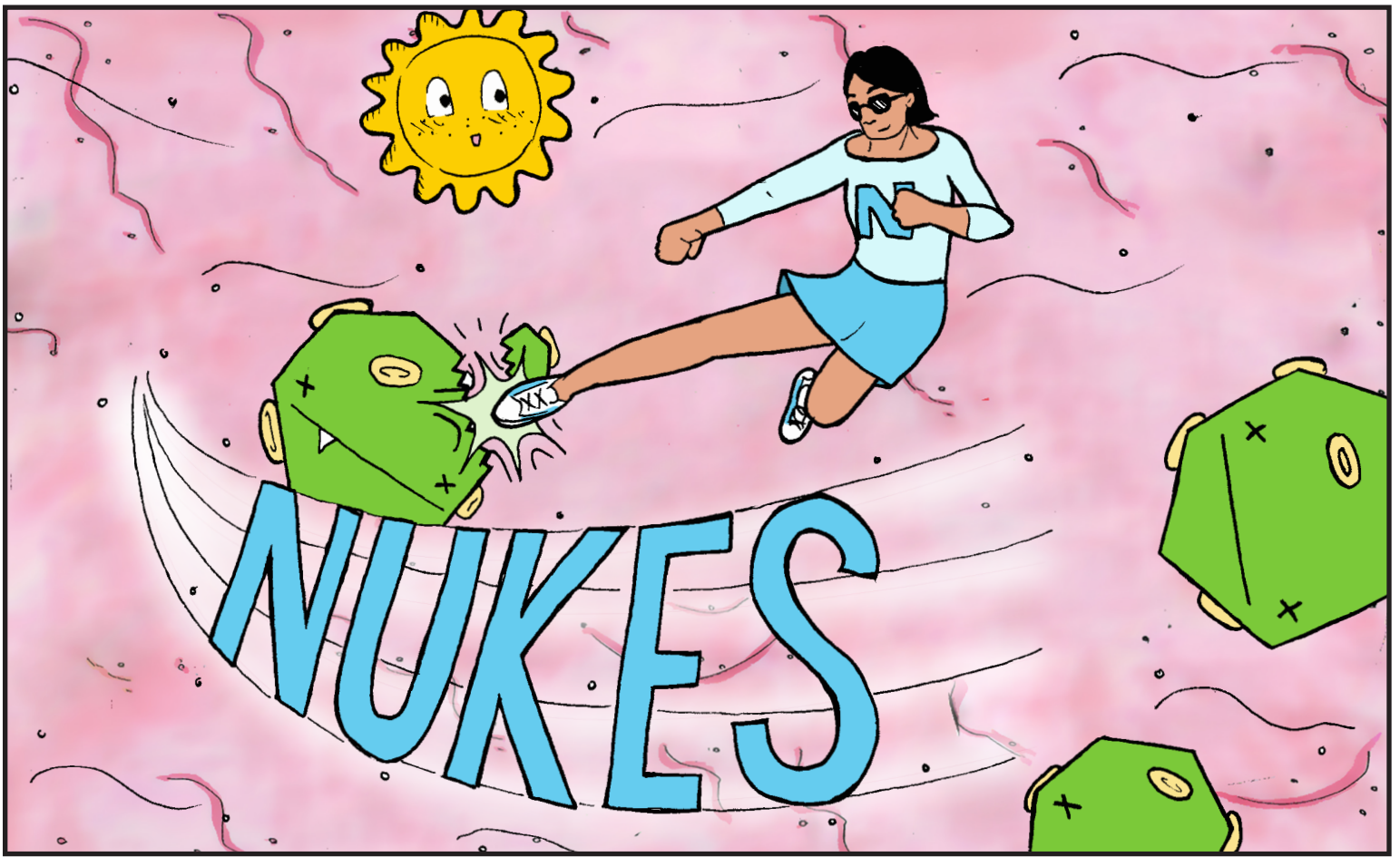
**STOP HIV FROM MAKING
COPIES OF ITSELF**

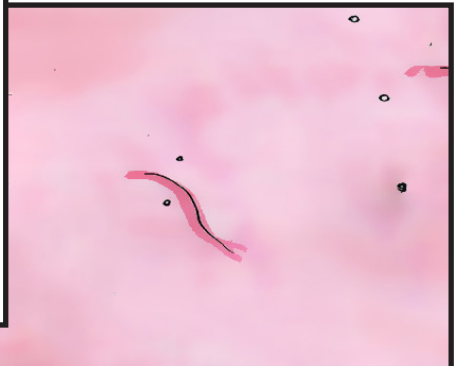
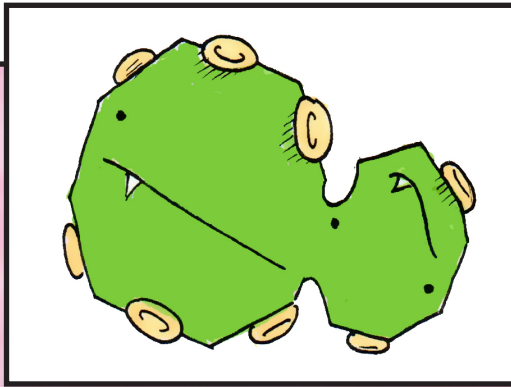
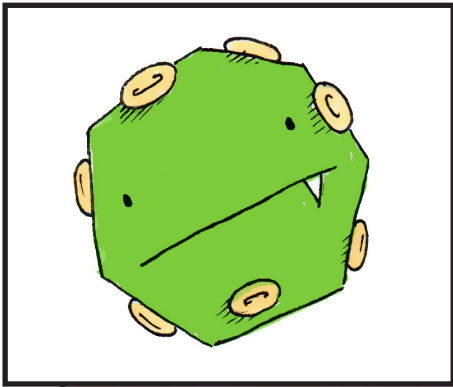




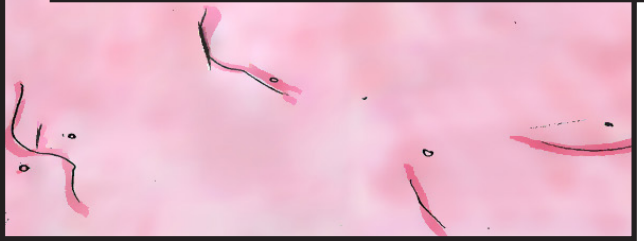
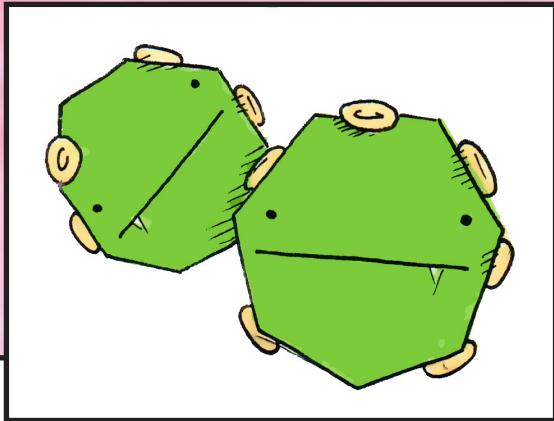
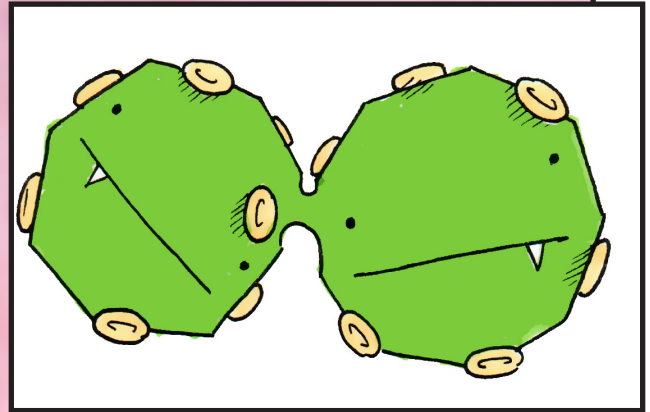
THE DOC SWOOPS IN WITH HER PROTECTIVE SUPERPOWERS TO KEEP HIV FROM TAKING OVER THE T-CELL.





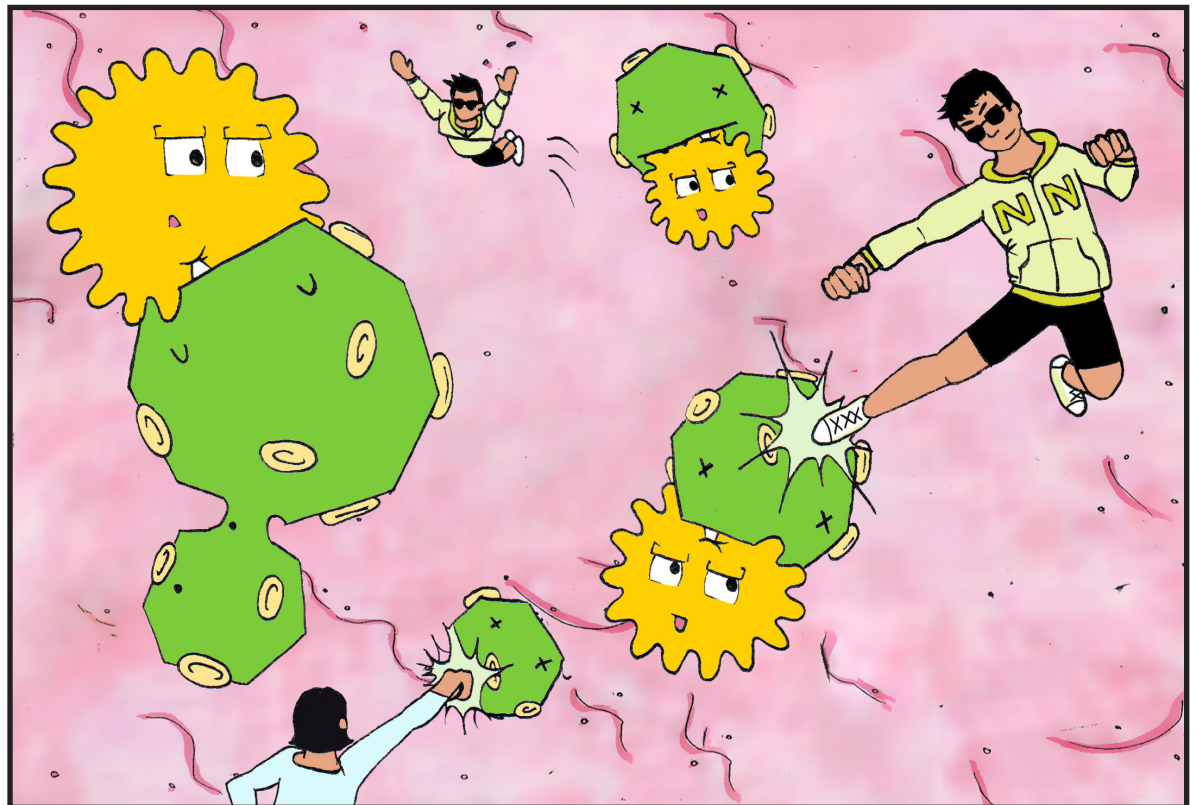


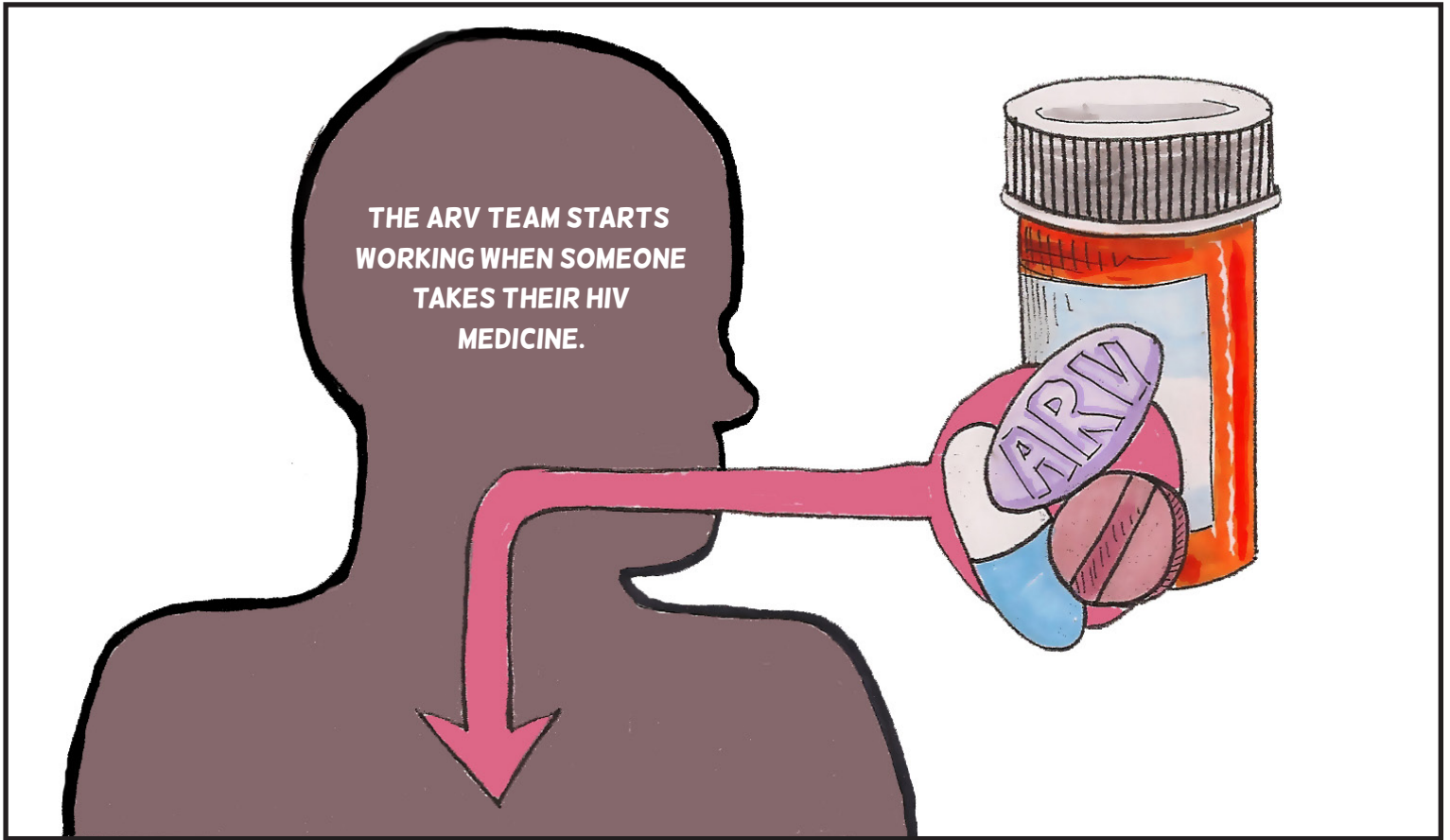
**HIV TAKES OVER T-CELLS SO IT
CAN HAVE THE ENERGY TO COPY ITSELF.**



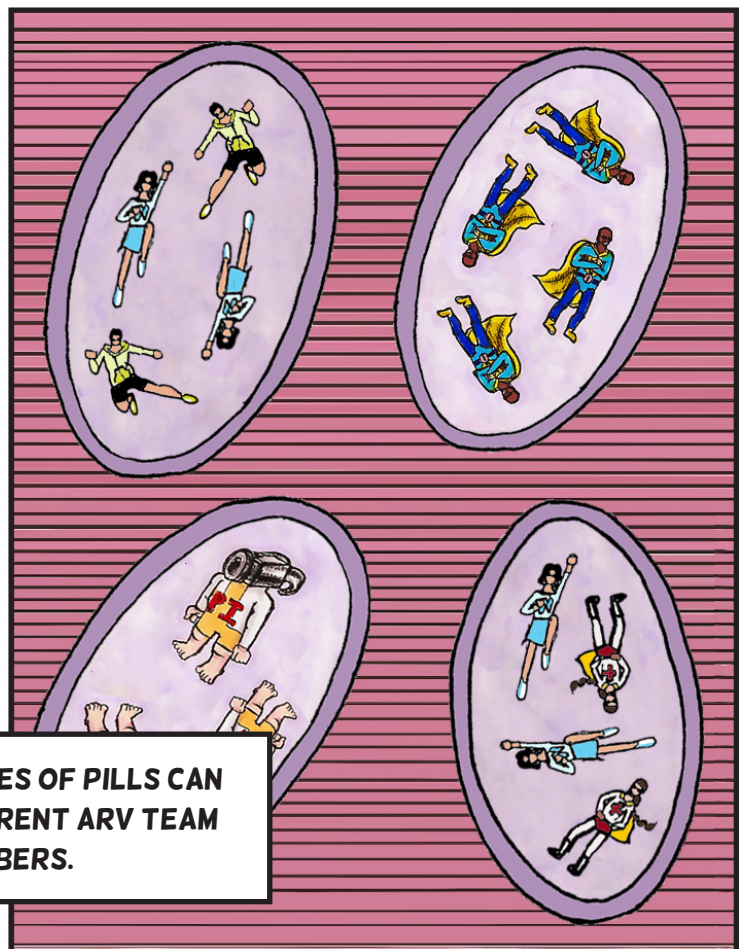
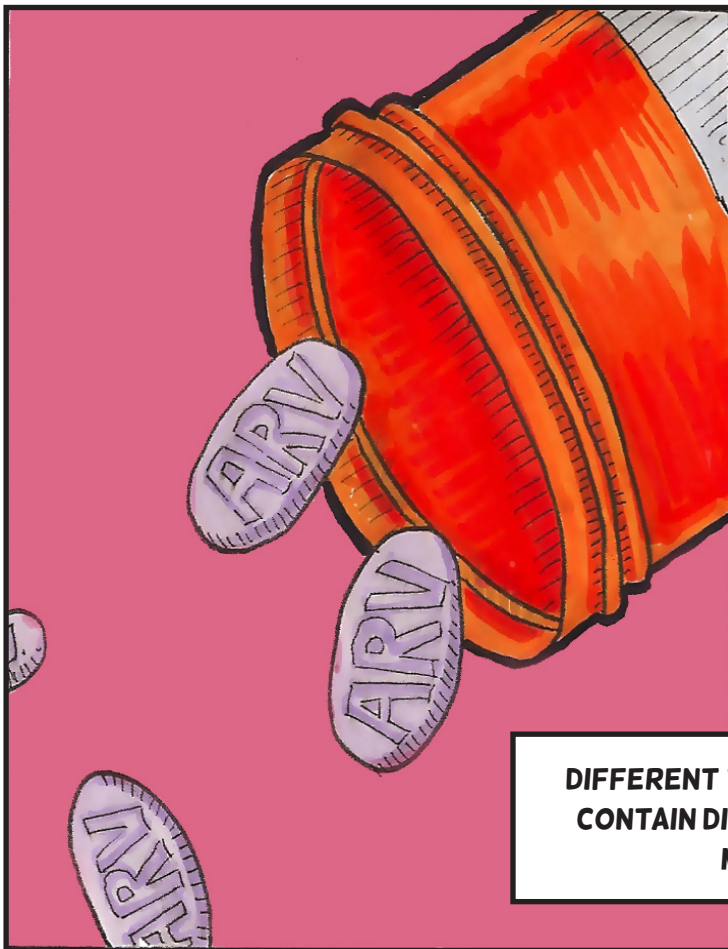
**BUT NUKES & NON
NUKES STOP HIV
FROM COPYING
ITSELF.**

**SOMETIMES
NUKES & NON
NUKES WORK
TOGETHER, AND
SOMETIMES
THEY WORK
SEPARATELY.**



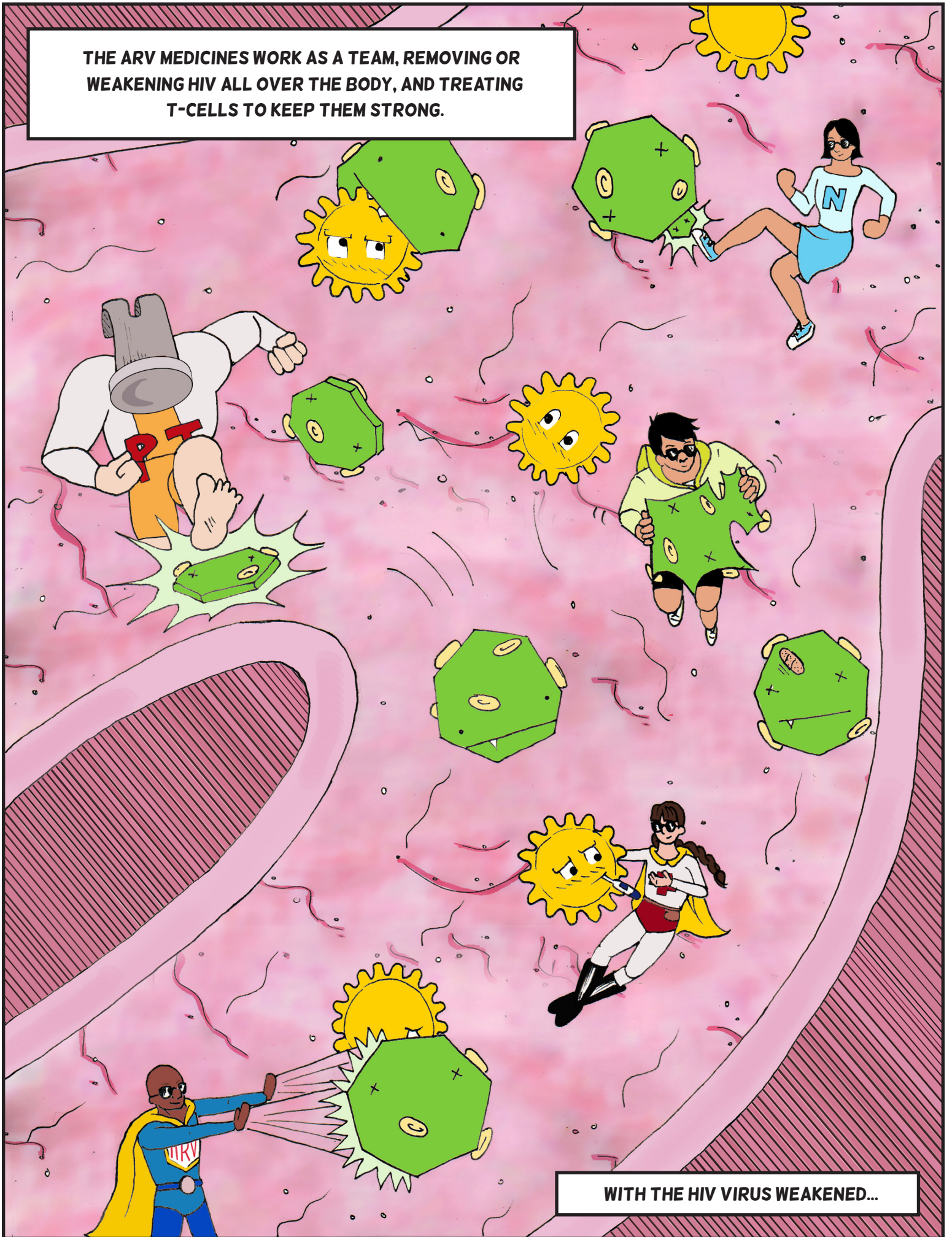


EVERYONE IS DIFFERENT, SO PEOPLE WITH HIV DONT ALL TAKE THE SAME MEDICINE.



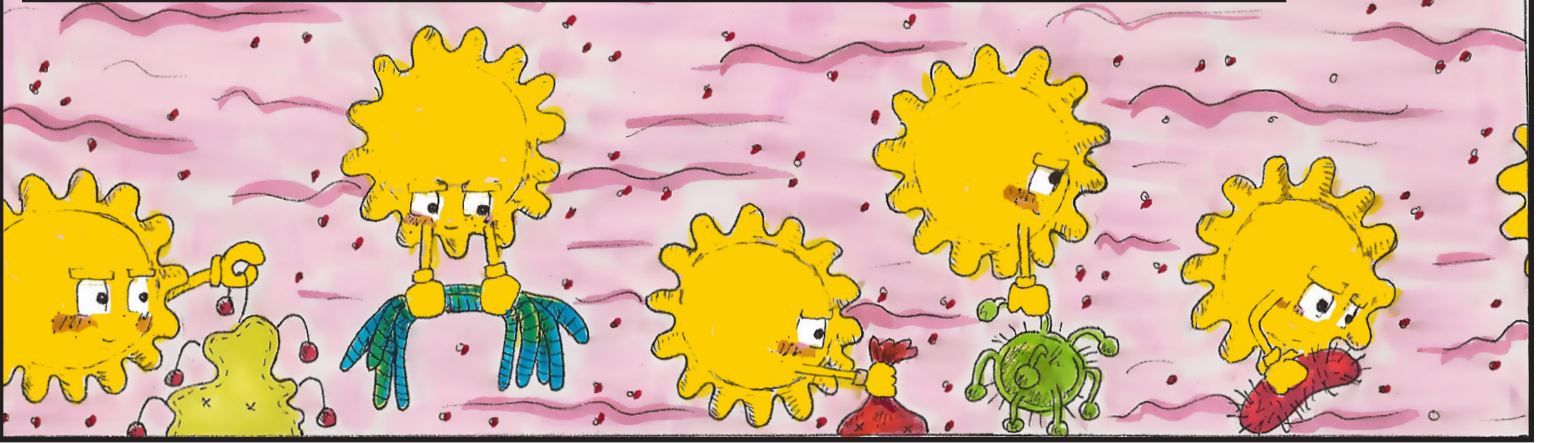
DIFFERENT TYPES OF PILLS CAN CONTAIN DIFFERENT ARV TEAM MEMBERS.

THE ARV MEDICINES WORK AS A TEAM, REMOVING OR WEAKENING HIV ALL OVER THE BODY, AND TREATING T-CELLS TO KEEP THEM STRONG.

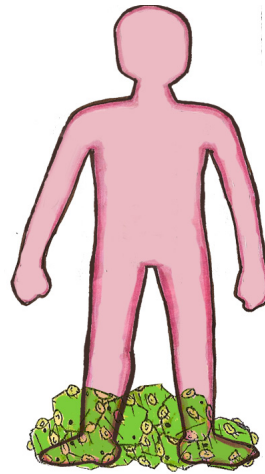


WITH THE HIV VIRUS WEAKENED...

... T-CELLS CAN GO BACK TO WHAT THEY DO BEST: REMOVING VIRUSES FROM THE BODY!



THE ARV TEAM CAN HELP
KEEP LOTS OF T-CELLS
IN THE BODY...



AND VERY LITTLE
HIV VIRUS!

