



CAPTAIN,
WHAT ARE
YOU
READING?

THE LATEST
EDITION OF
"MICRO
TIMES"



IT SAID THE
SPACE SHIP
"YEAST" BEAT
THE MON-
STER

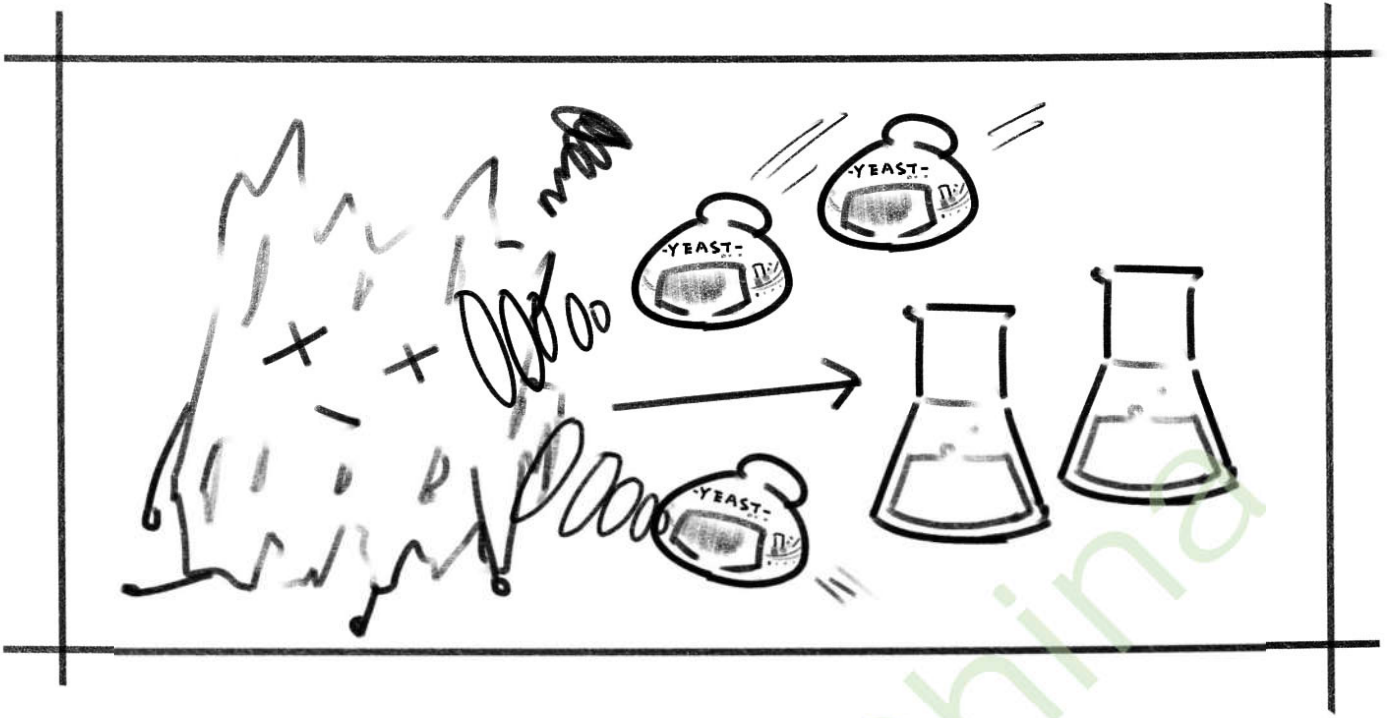


WOW! THAT'S
GREAT!
I HEARD THE MON-
STER APPEARED FOR
SEVERAL YEARS, BUT
HASN'T BEEN WELL
MANAGED YET



THE MONSTER
ENTEROMORPHA

EVERY SUMMER ,IT AP-
PEARS IN THE BEAUTI-
FUL SEASHORE OF
QINGDAO, CHINA.
BECAUSE IT IS TOO
UGLY, IT SCARES AWAY
A LOT OF TOURISTS!

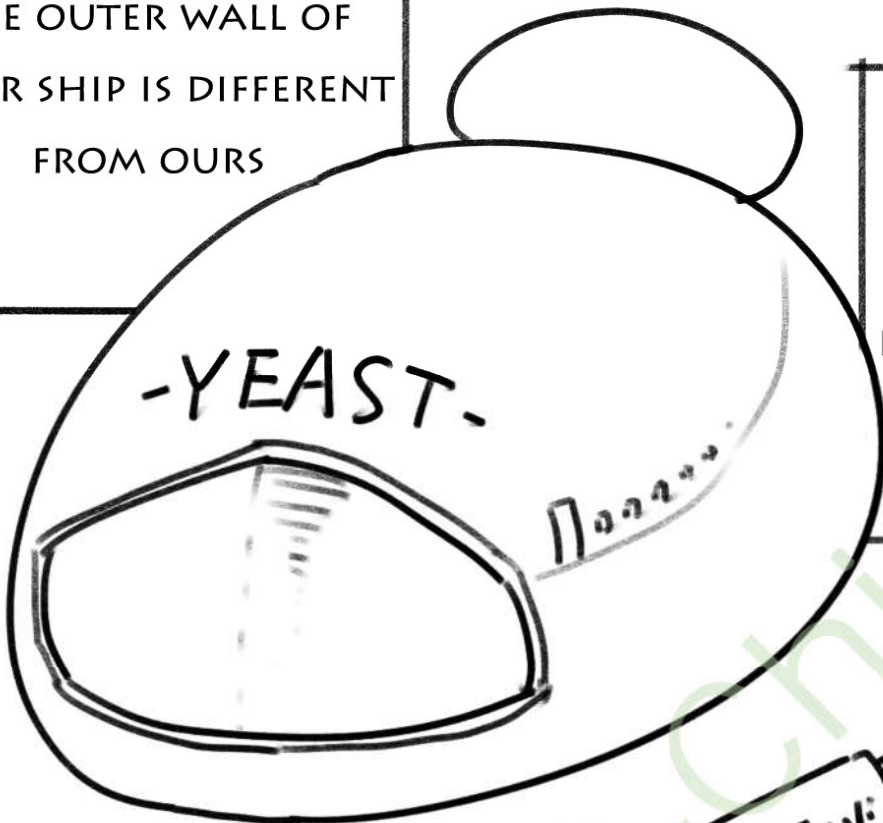


I HEARD THAT YEAST KILLS THE MONSTER THROUGH DEGRADING CELLULOSE (THE STRUCTURE OF ENTEROMORPHA) !
WHAT'S MORE, THE YEAST CAN TURN CELLULOSE INTO ALCOHOL!!



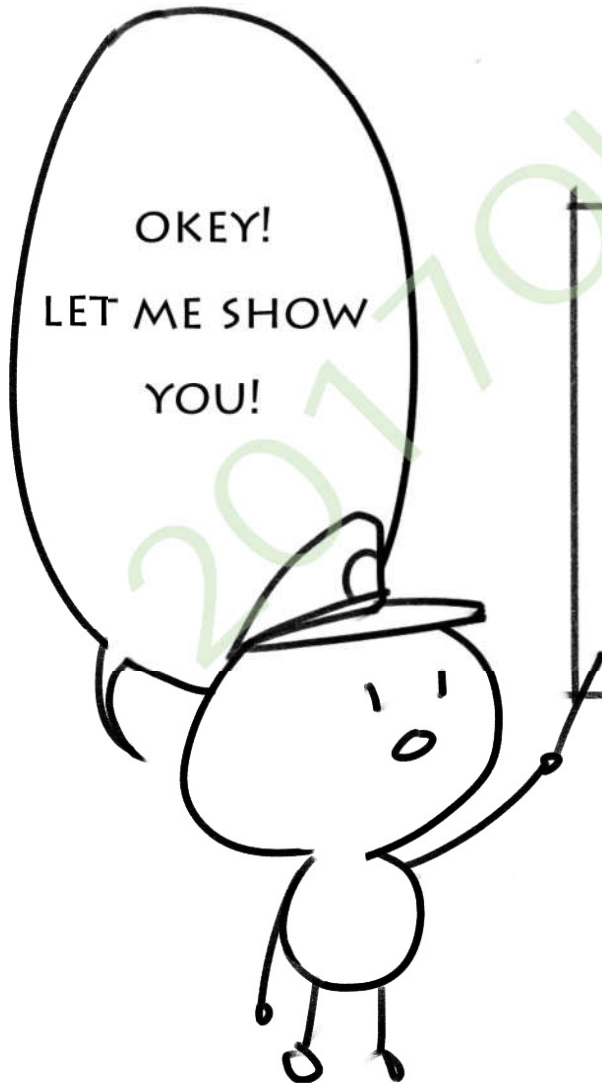
THE OUTER WALL OF
THEIR SHIP IS DIFFERENT
FROM OURS

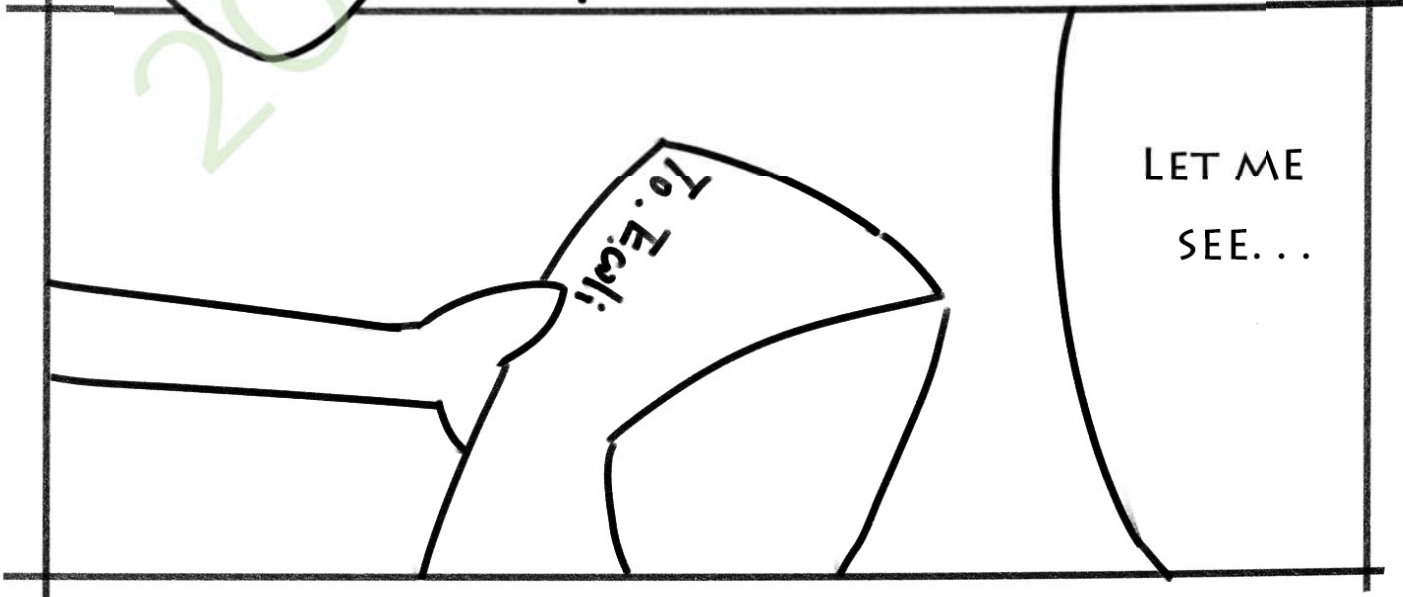
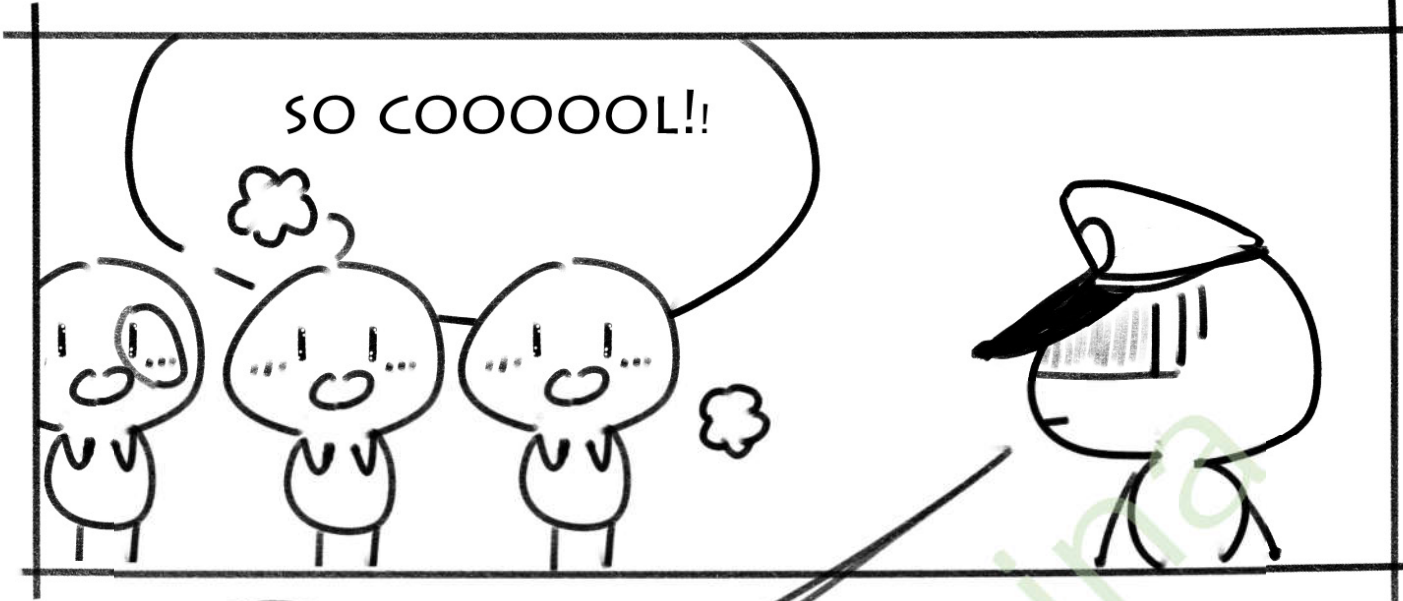
IT IS LARGER
THAN THE
E.COLI, BUT IT
DOESN'T HAVE
FLAGELLA



OKEY!
LET ME SHOW
YOU!

THE INTERNAL STRUCTURE
IS MORE COMPLEX AND
HAVE MANY AREAS, AND
THEIR CREWS ARE ALSO
WORKING ON THE mRNA!



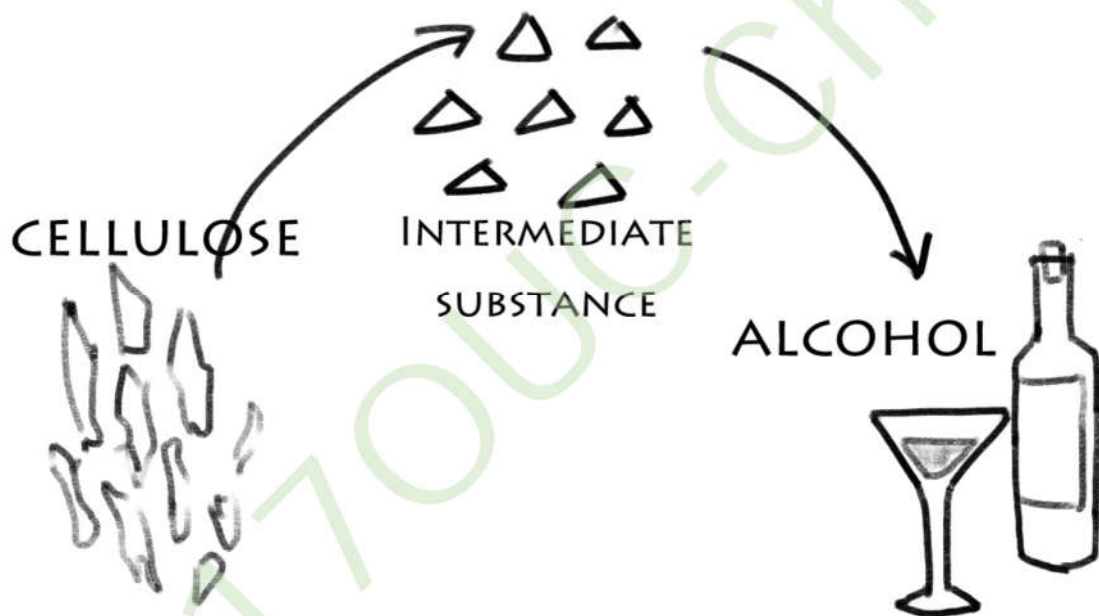


DEAR E.COLI:

HELLO, PLEASE ALLOW ME TO MAKE A LONG STORY SHORT.

RECENTLY WE ARE ON THE MISSION TO DESTROY ENTEROMORPHA.

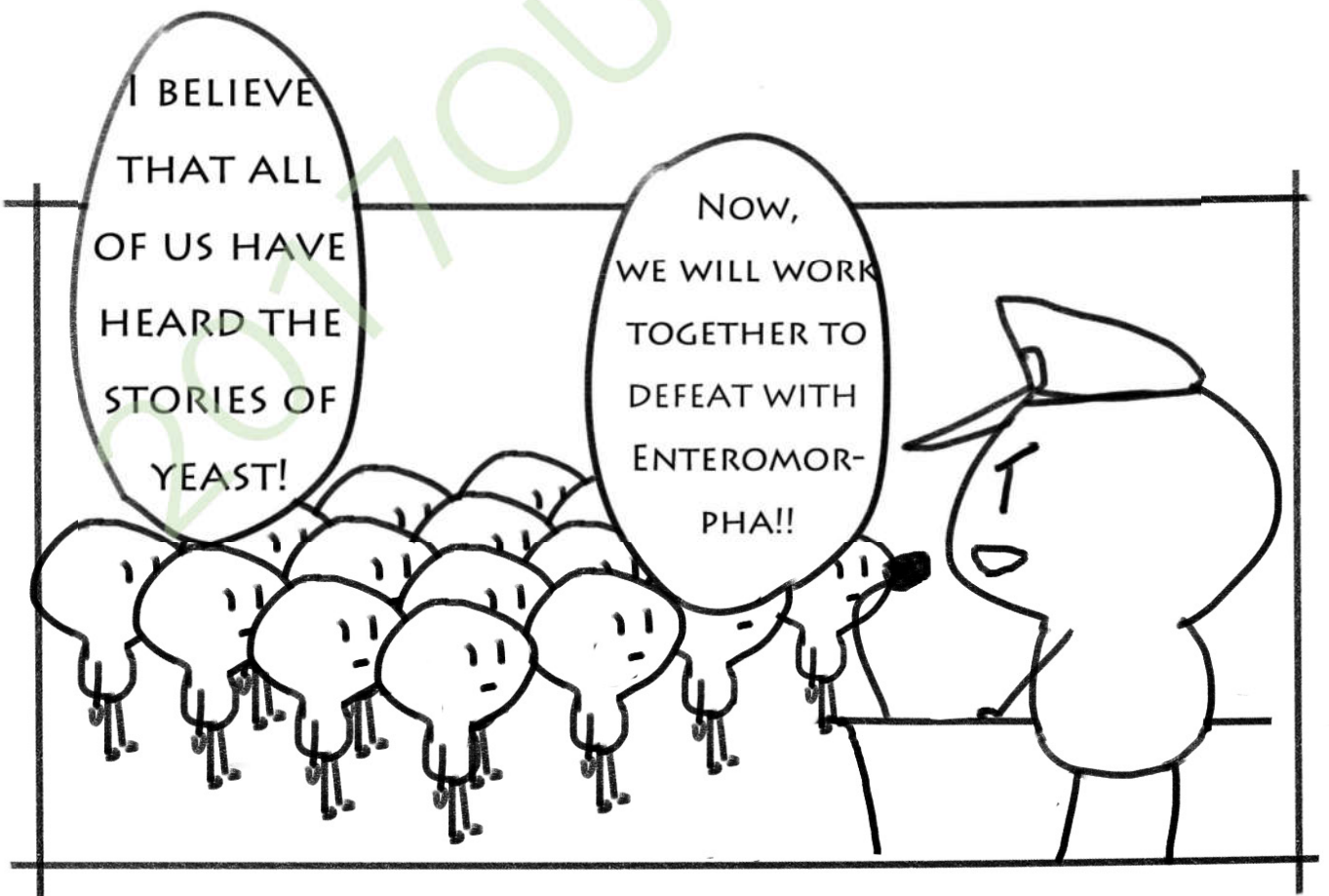
THE SPECIFIC PRINCIPLE IS AS FOLLOWS:

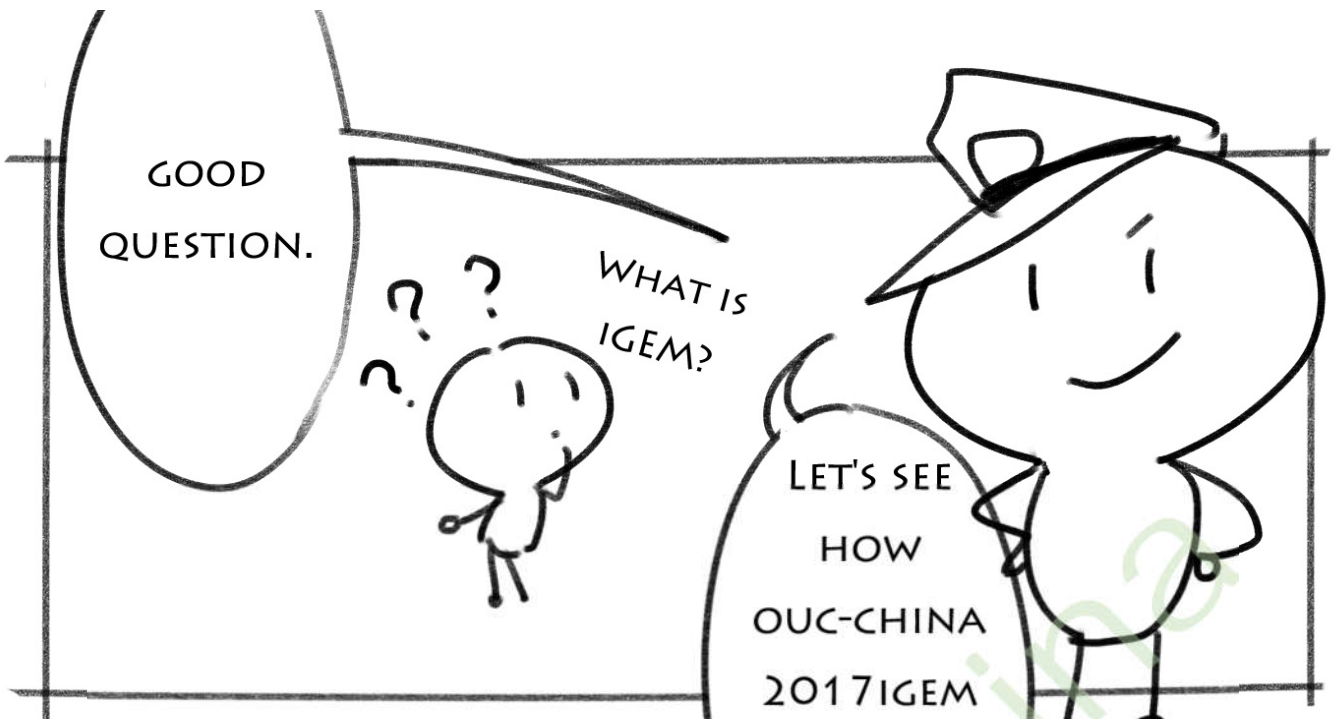


NOW WE HAVE SUCCEEDED IN THE LATTER STEP (TURN INTERMEDIATE SUBSTANCE INTO ALCOHOL). BUT IF WE ADD THE FORMER STEP, THE PRESSURE WILL INCREASE TOO MUCH. THEREFORE, WE HOPE YOU CAN HELP US COMPLETE THE FORMER STEP!

HERE COMES THE CHANCE
OF COOPERATION!

FIVE MINUTES LATER..



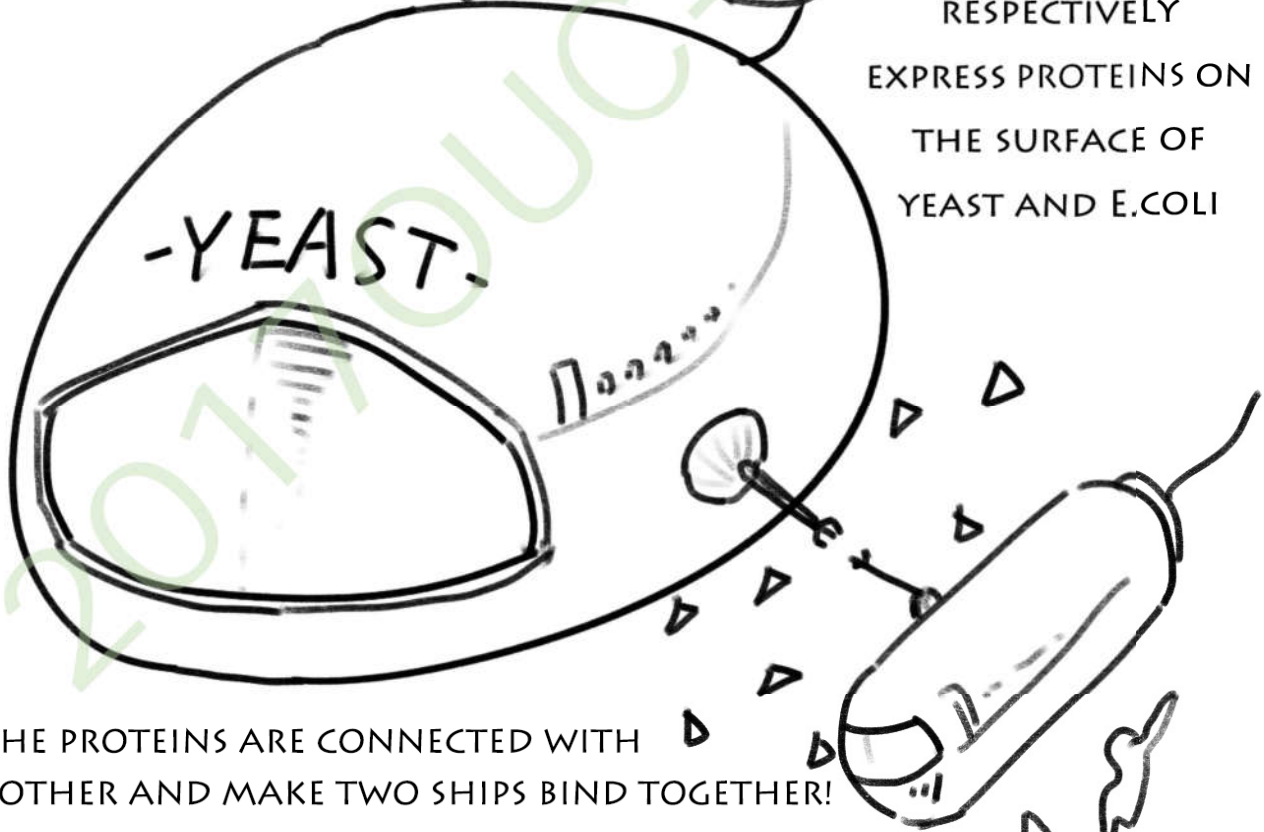


LET'S SEE HOW OUC-CHINA 2017 I GEM TEAM DESIGNED!



CAN CONNECT MANY E.COLI

THEY DESIGNED TO RESPECTIVELY EXPRESS PROTEINS ON THE SURFACE OF YEAST AND E.COLI



THEN, THE PROTEINS ARE CONNECTED WITH EACH OTHER AND MAKE TWO SHIPS BIND TOGETHER!

THE CLOSE DISTANCE MAKE IT MORE EFFICIENTLY TO TRANSFER THE MATERIAL FROM E.COLI TO YEAST

IF YOU ARE INTERESTED IN IT , WELCOME TO VISIT OUR WIKI! [HTTP://2017.IGEM.ORG/TEAM:OUC-CHINA](http://2017.igem.org/team:ouc-china)