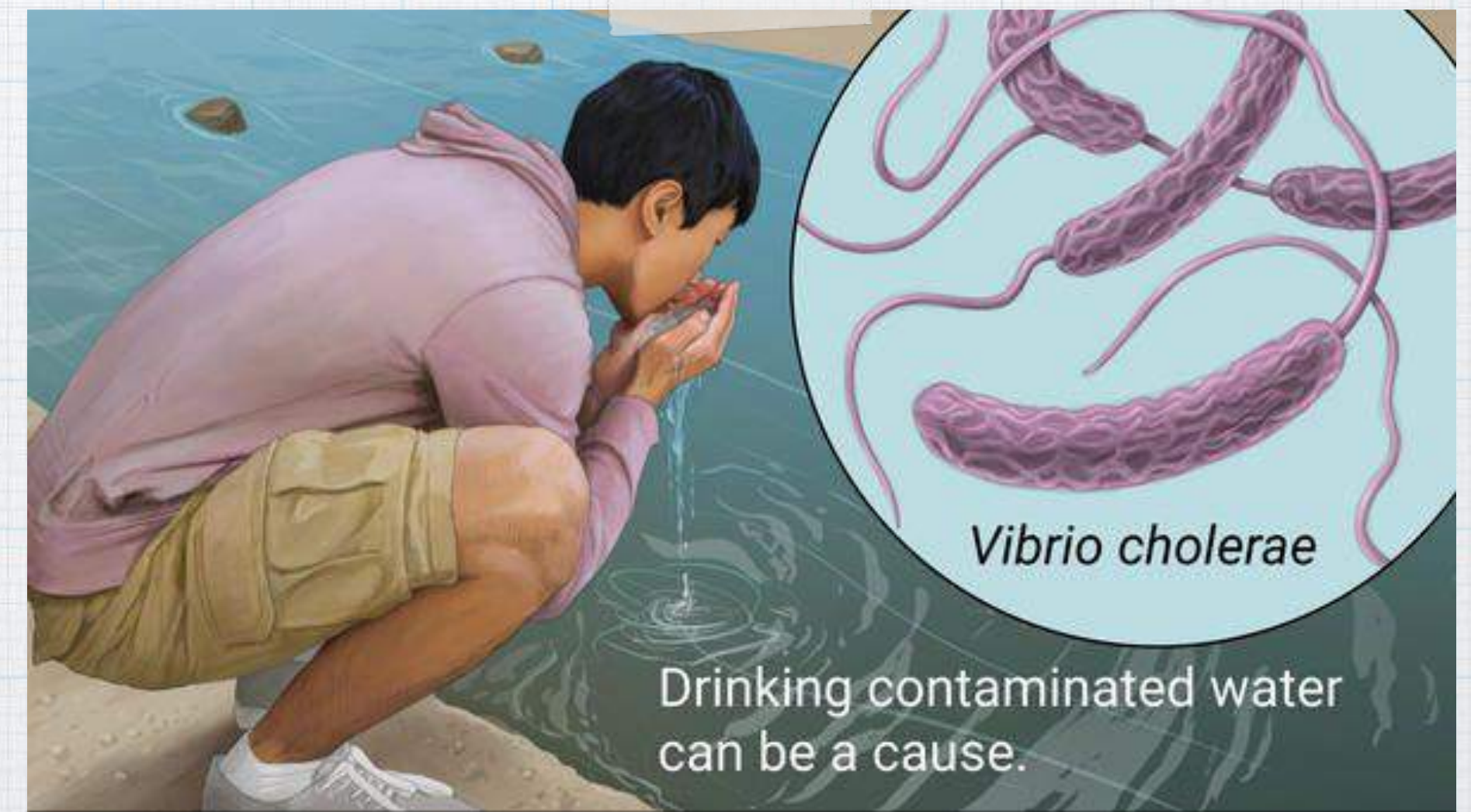
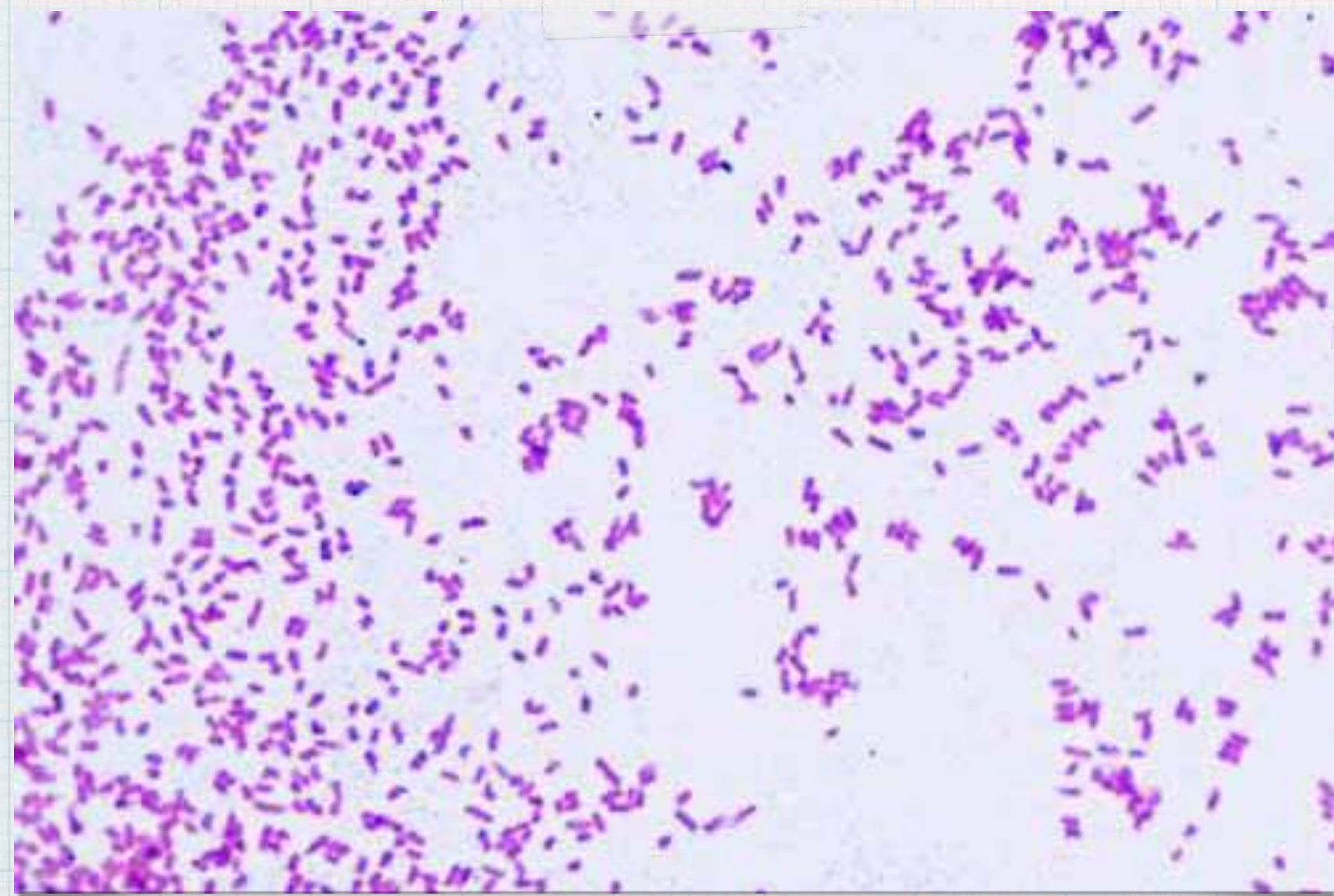
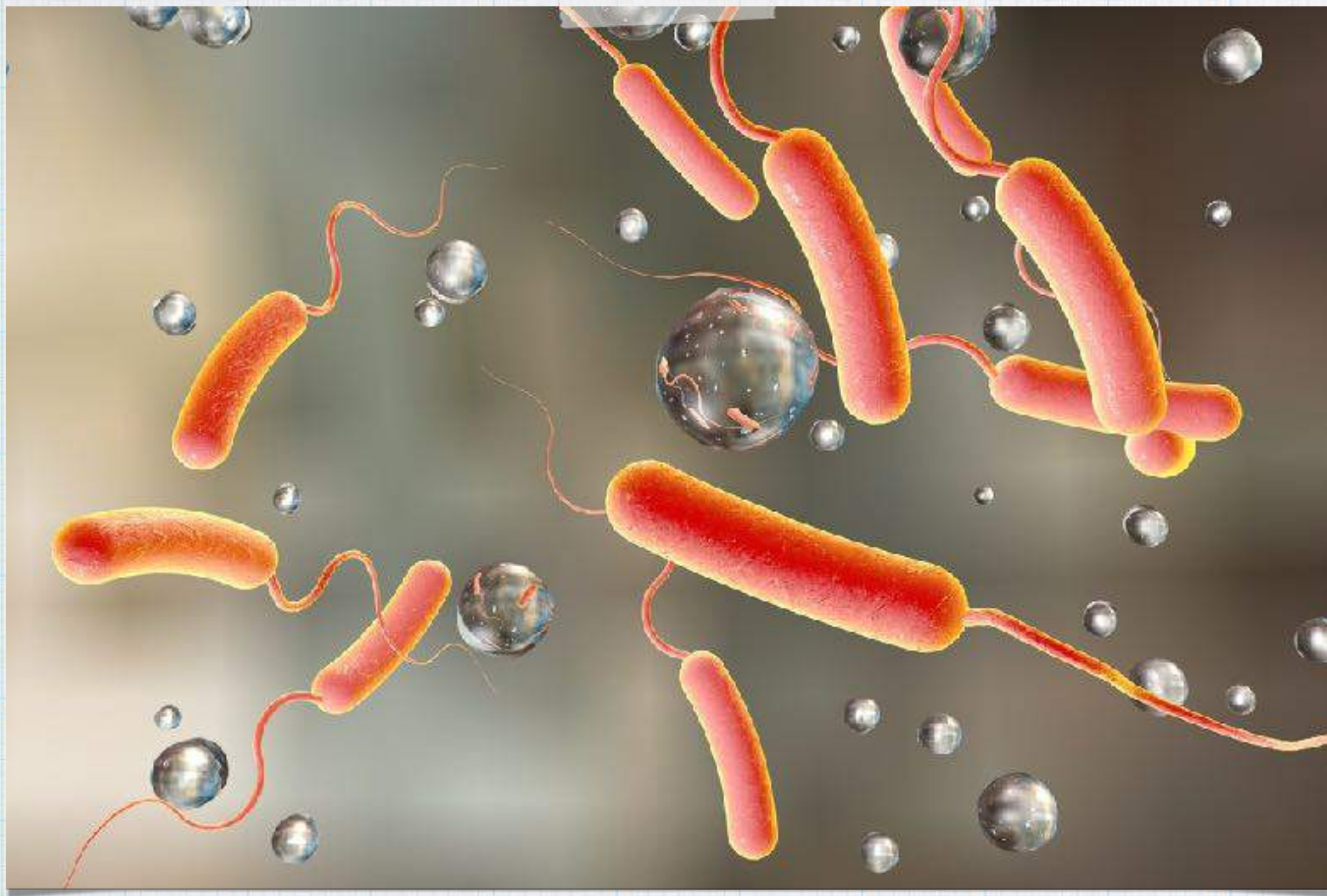




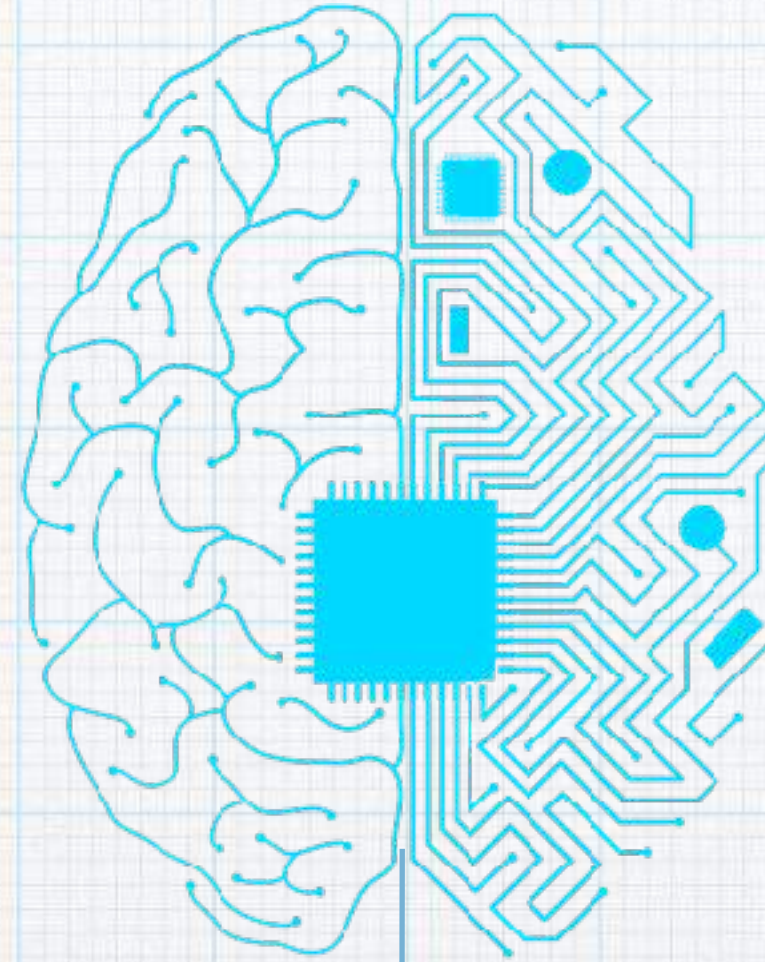
CLEAN WATER AI

“Globally, at least 2 billion people use a drinking water source contaminated with faeces.”

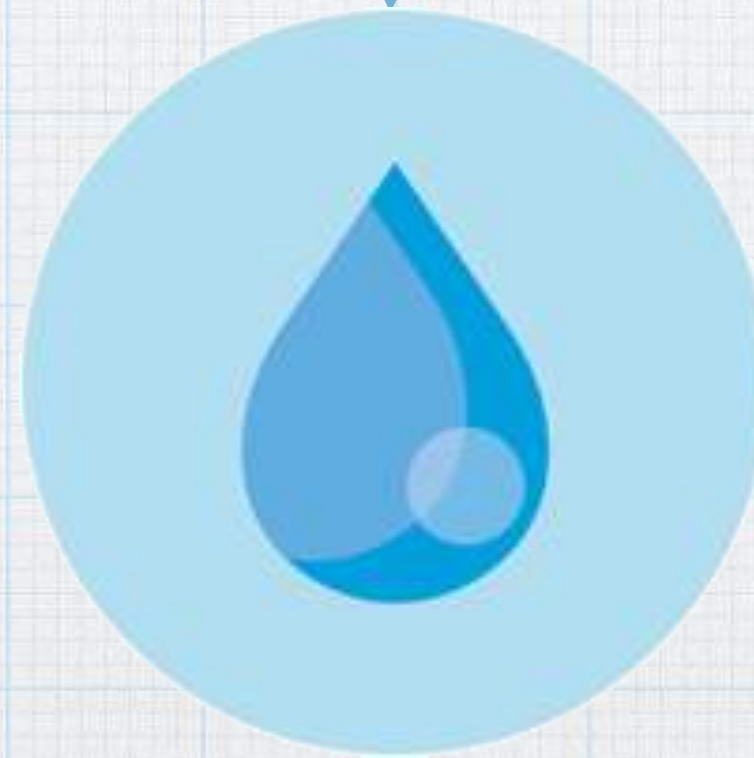
–World Health Organization

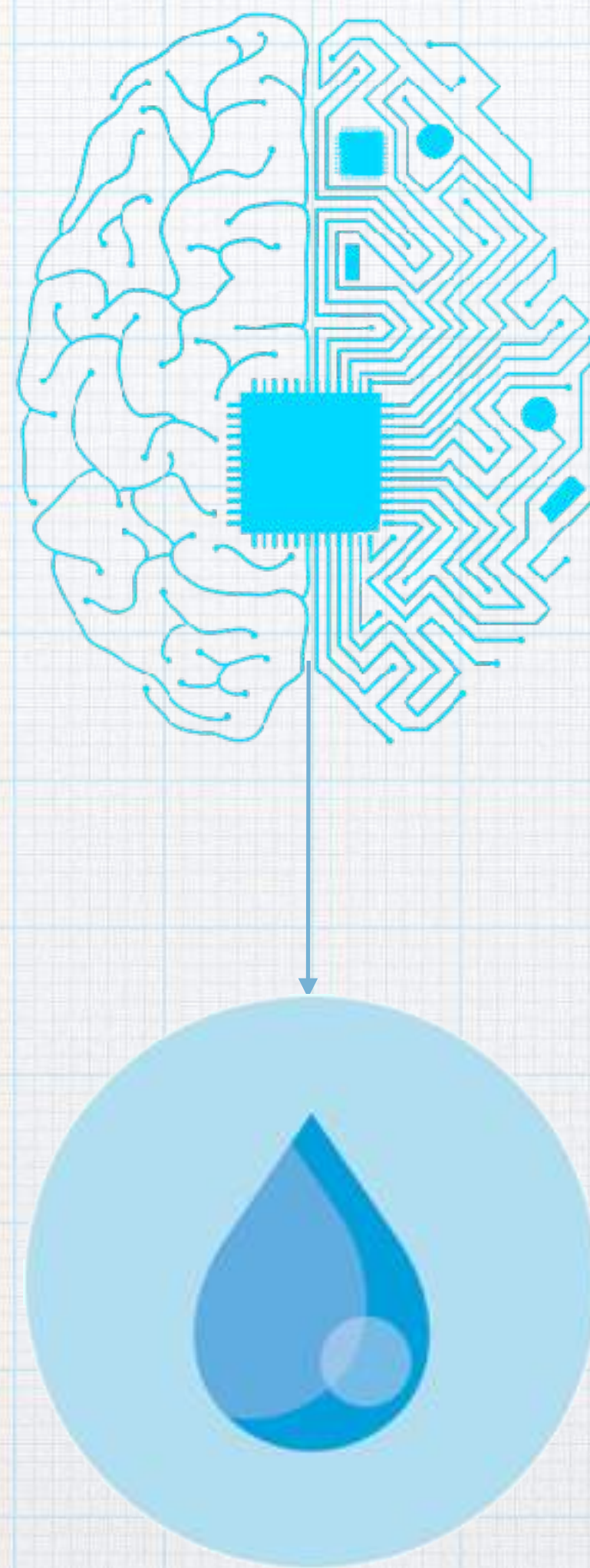


Real Time AI

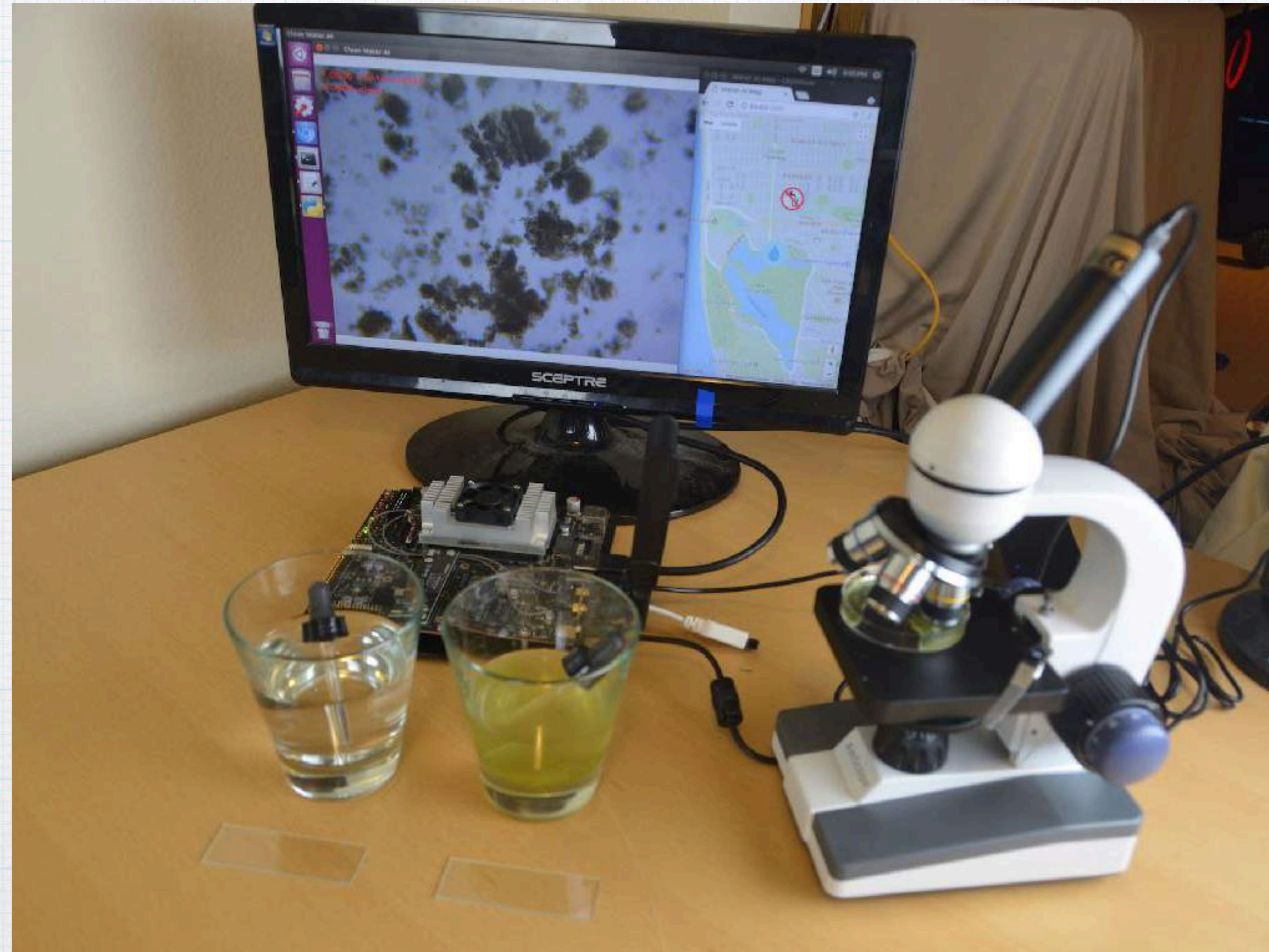


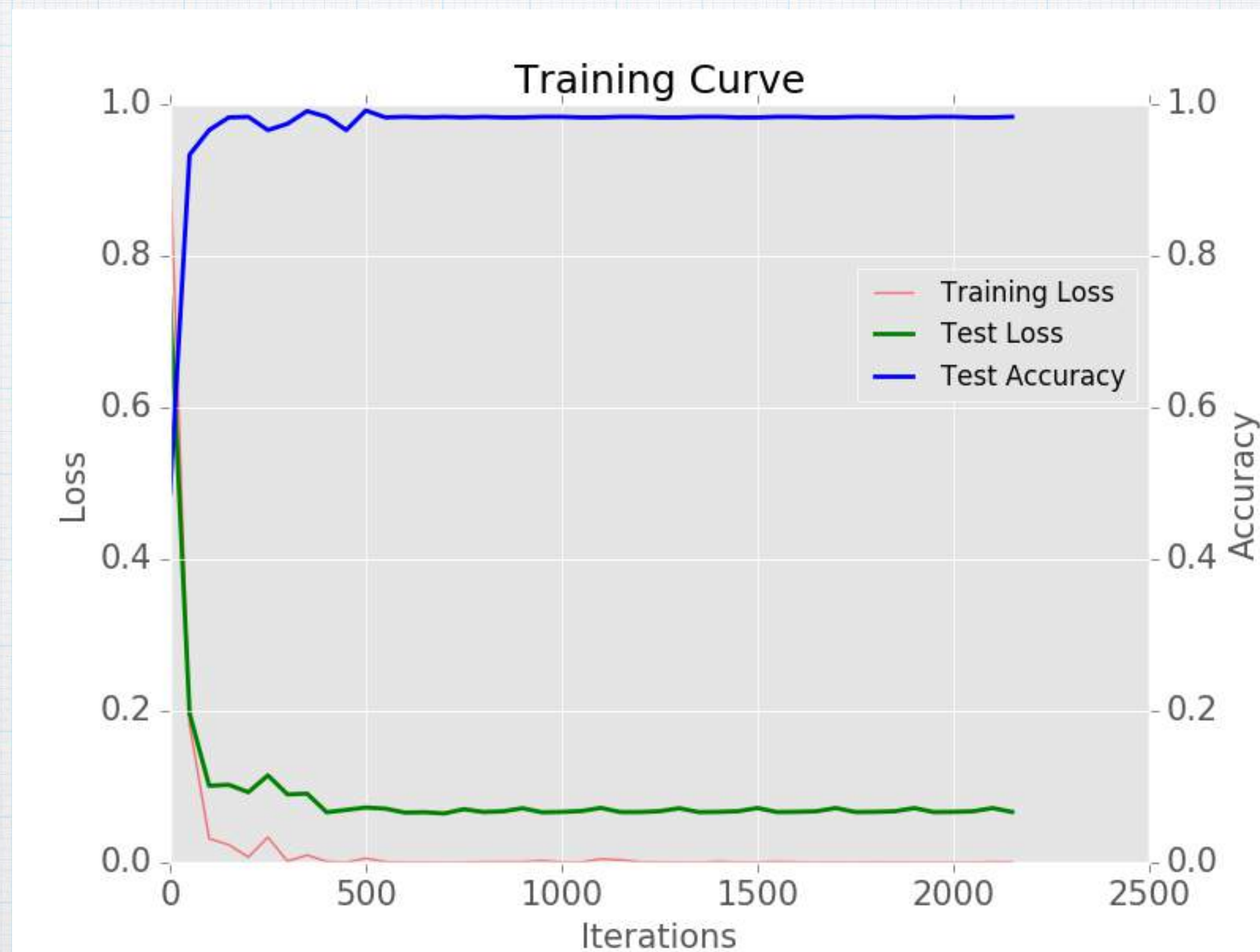
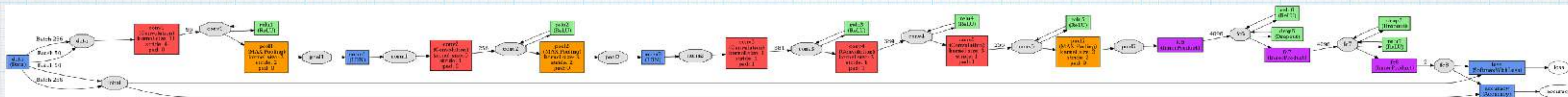
Can run offline





Initial Prototype

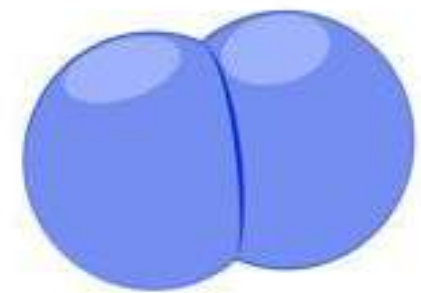




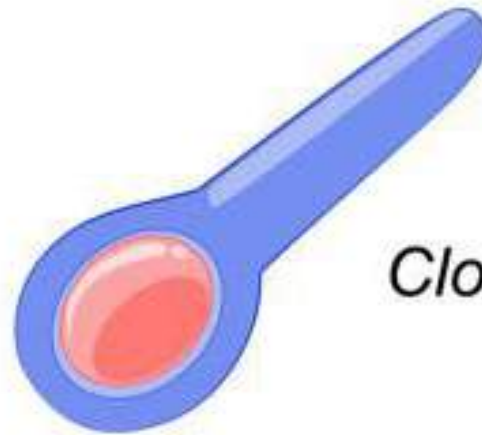
**98% Accuracy
On detection**



SHAPES OF BACTERIA

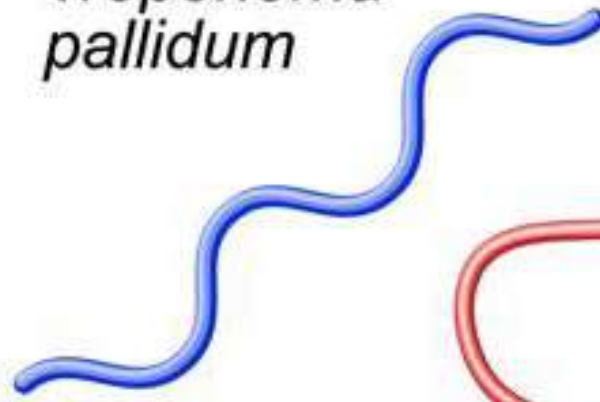


Streptococcus pneumoniae

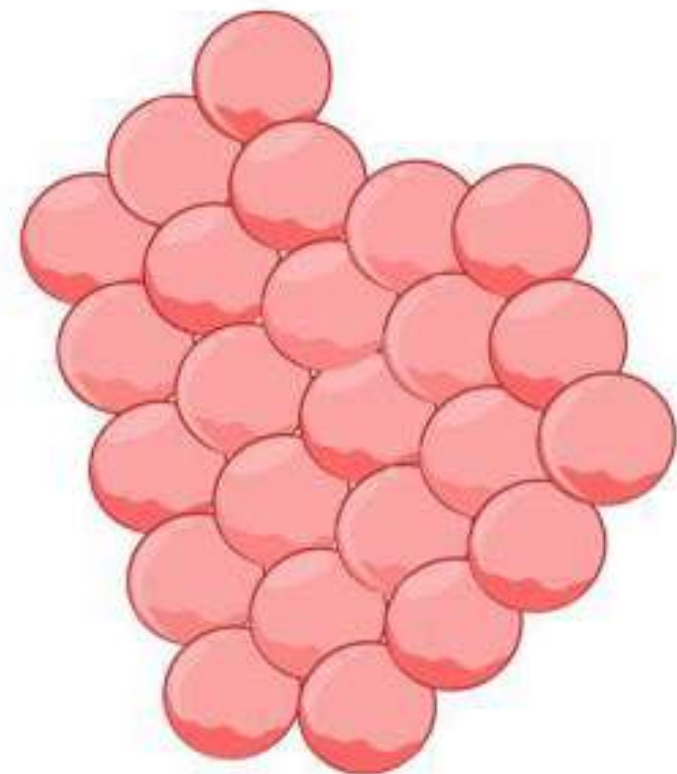
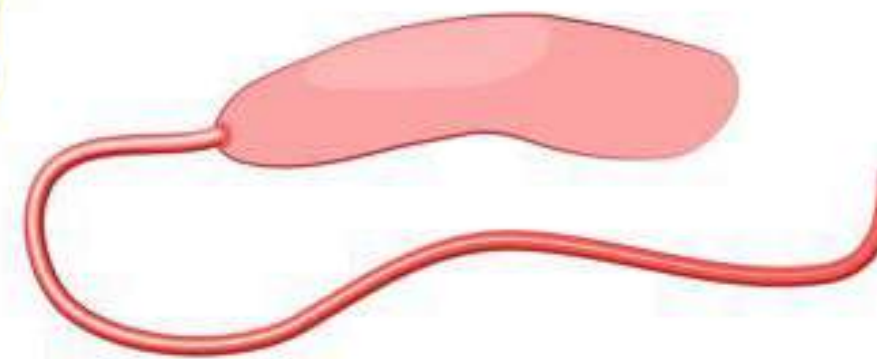


Clostridium tetani

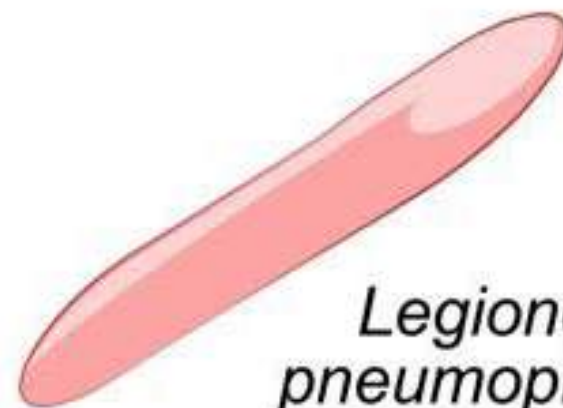
Treponema pallidum



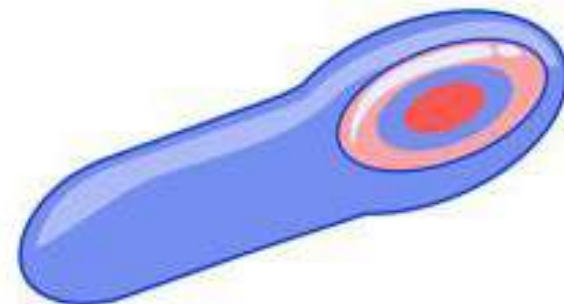
Vibrio cholerae



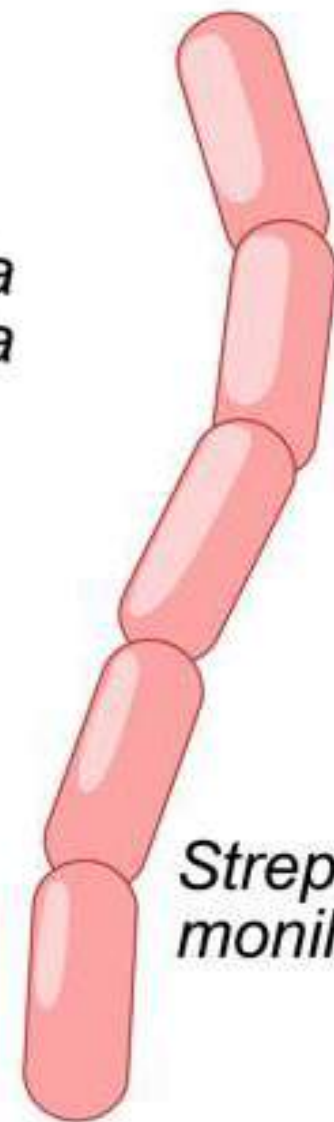
Staphylococcus aureus



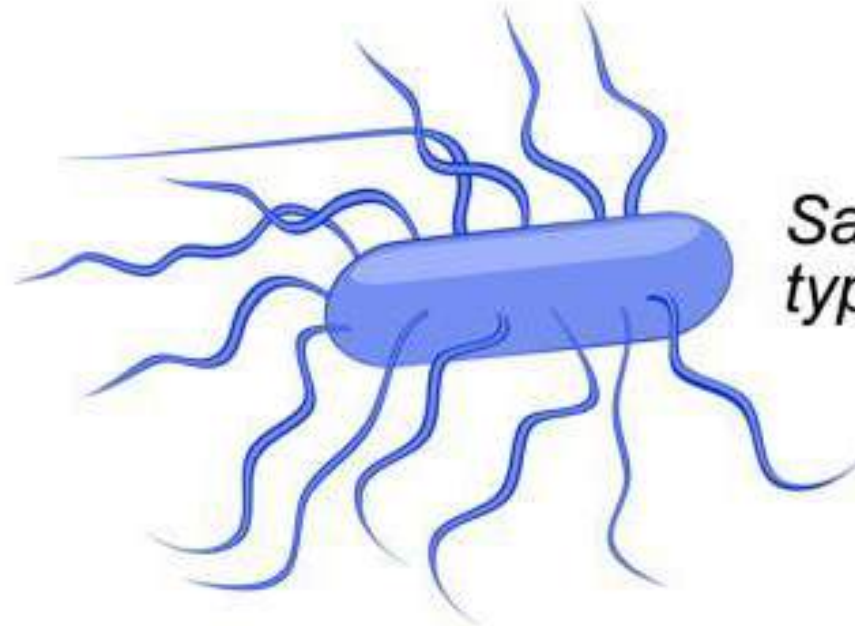
Legionella pneumophila



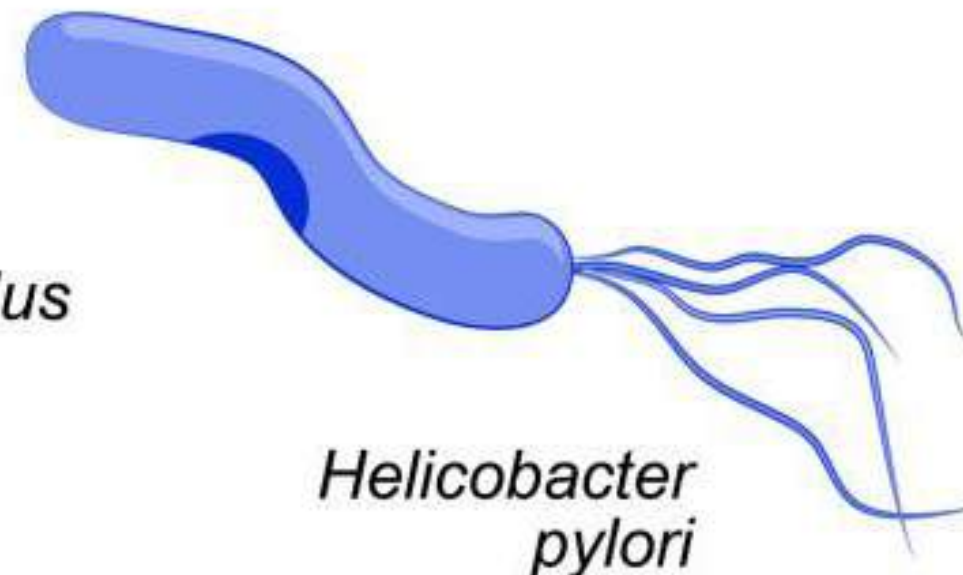
Clostridium botulinum



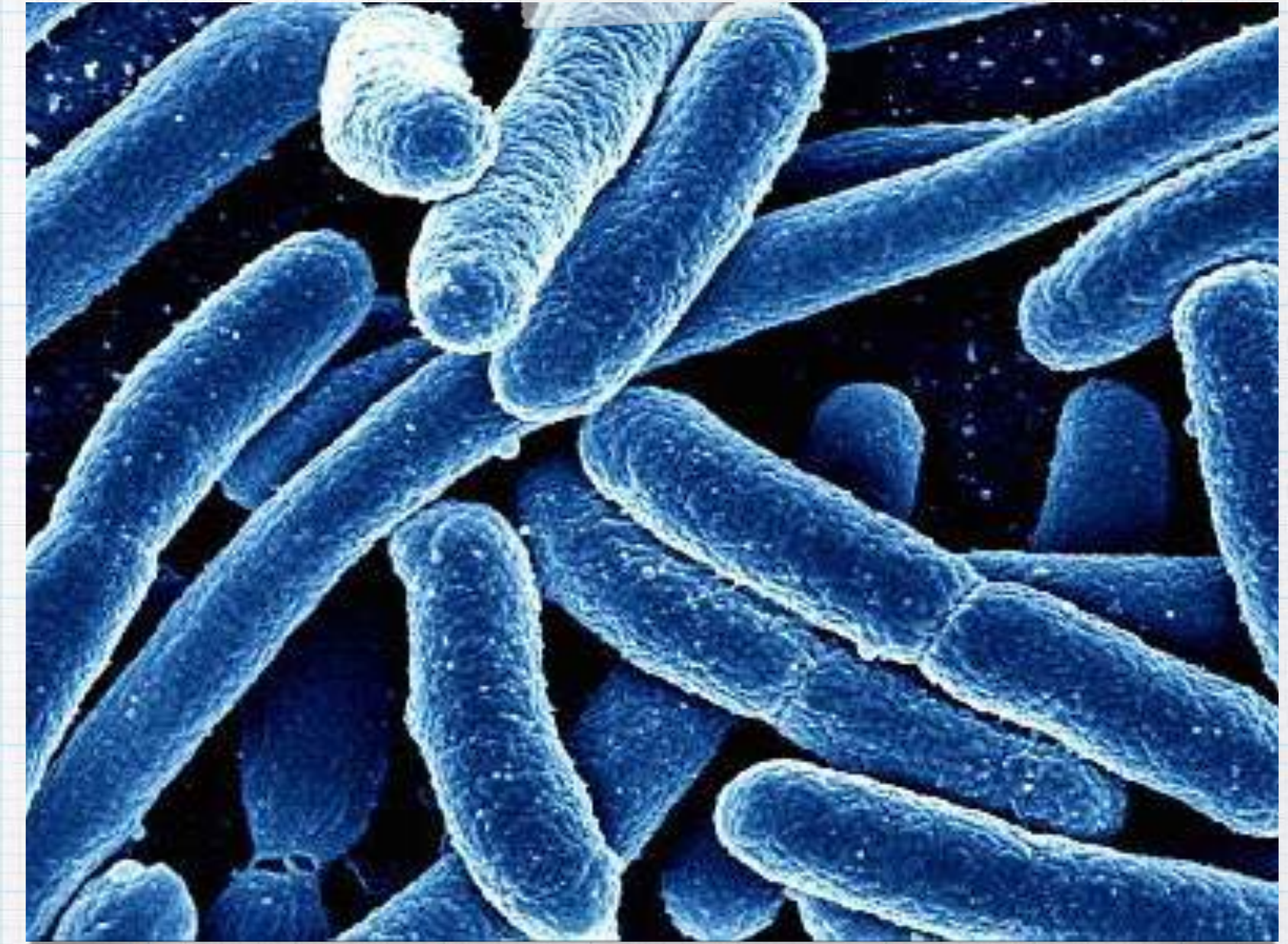
Streptobacillus moniliformis



Salmonella typhi



Helicobacter pylori





SAFE WATER!
THAT'S ALL
WE WANT!

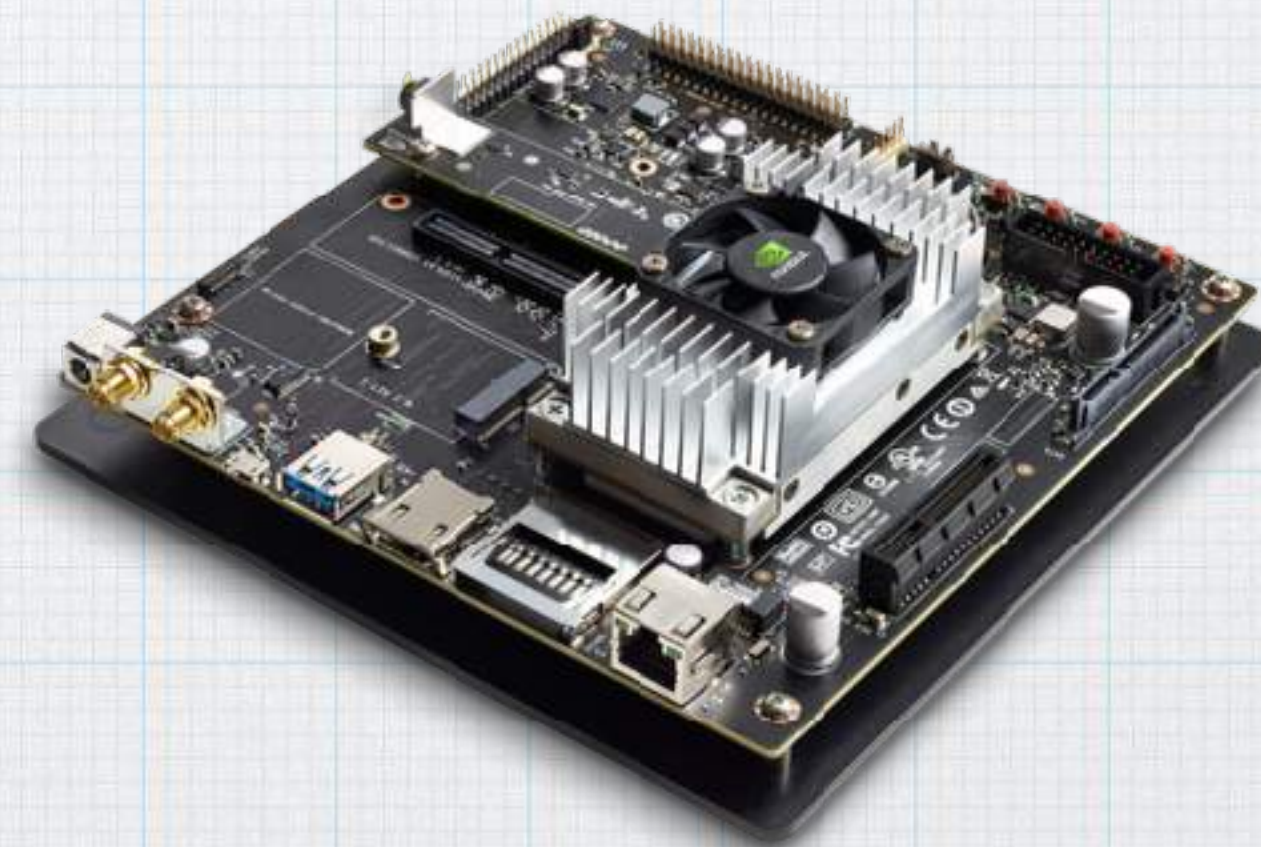
IN FLINT
"WATER" IS
A FORTY WORD

DADDY DIDN'T
RAISE
NO DUMMY

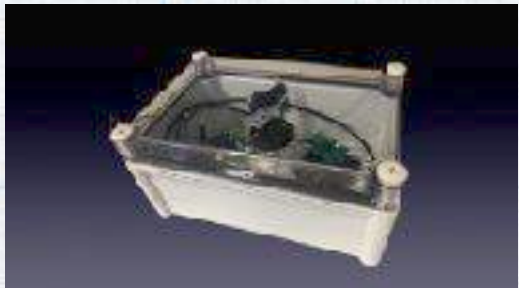
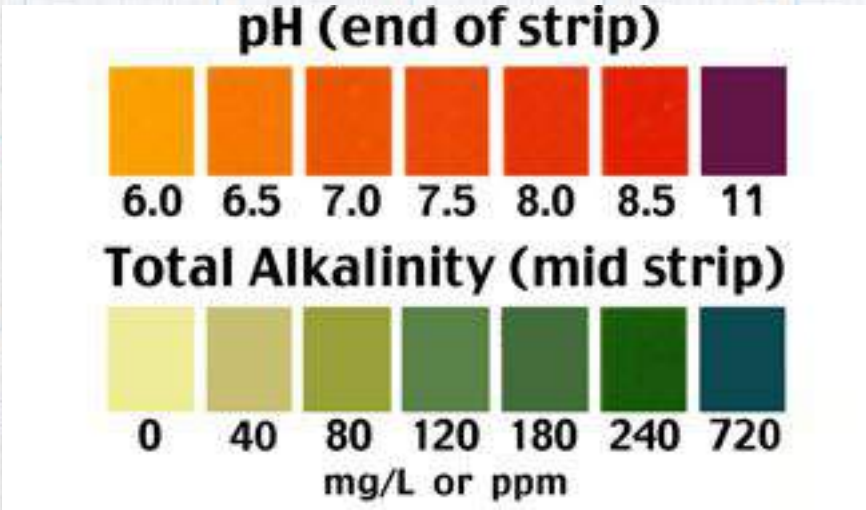


Prototype Cost

- * Microscope
- * Jetson TX1
- * Under 500 Dollars



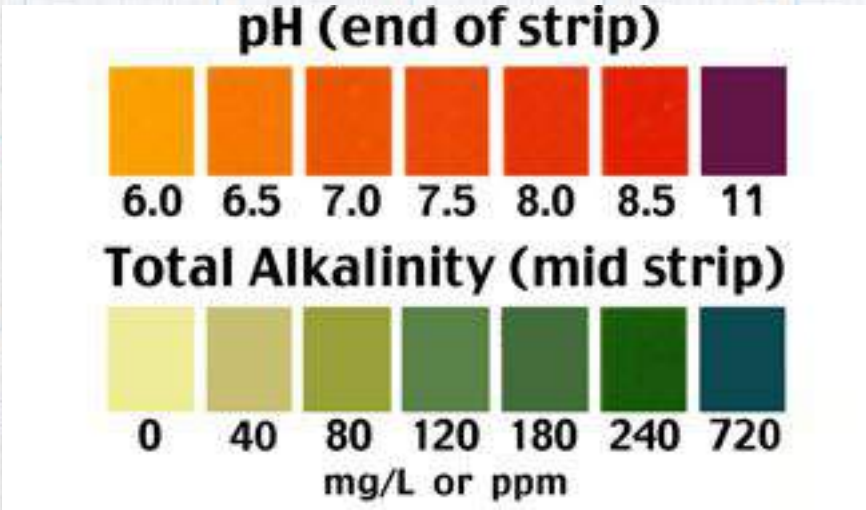
Detecting Harmful Particles



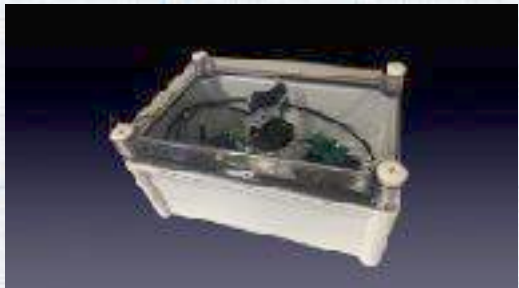
Detecting Bacteria



Detecting Harmful Particles



Detecting Bacteria



Local Government Benefits

- * Requires little maintenance
- * Ensuring Water Quality in Real Time
- * Saves money (in billions)
- * Environmental Protection Agency (EPA)



“In Flint, a city of 100,000 people, simply fixing the water system so it doesn’t poison residents is expected to cost between \$500 million and \$1 billion.”

-fastcompany.com

www.cleanwaterai.com



CLEAN WATER AI