

# WHAT IS A BIOBANK?

LIFE

IN THE SENSE OF A PLACE TO KEEP SOMETHING

ACTUALLY, IT'S NOT A NEW CONCEPT...



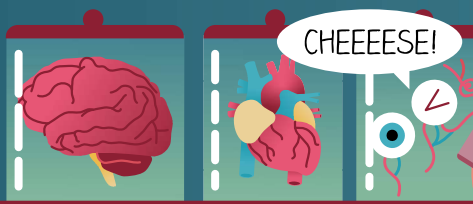
EVEN IN THE NEOLITHIC PERIOD, HUMANS COLLECTED DIFFERENT TYPES OF SEEDS TO REUSE THEM.

EVERYBODY HAS HEARD ABOUT NOAH'S ARK, WHICH INCLUDED A PAIR (FEMALE AND MALE) OF (ALMOST) EVERY ANIMAL SPECIES.



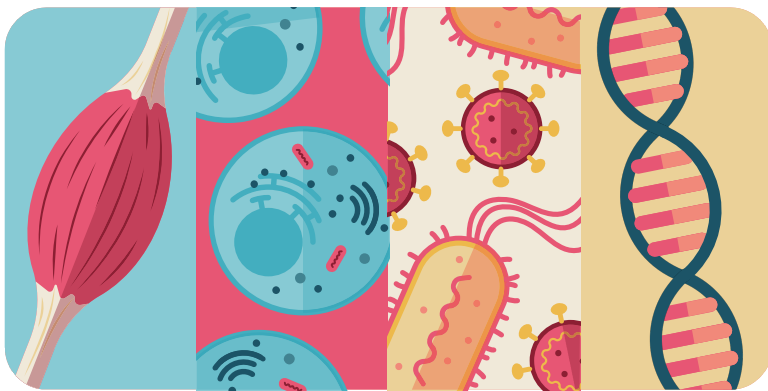
IN THE 16TH CENTURY, WE COULD FIND CABINETS OF CURIOSITIES FULL OF ALL KINDS OF NOTABLE OBJECTS.

THROUGHOUT HISTORY WE HAVE ALSO COLLECTED ORGANS FOR EDUCATIONAL PURPOSES



AFTER THAT, YOU COULD THINK BIOBANKS ARE SOMETHING SIMILAR TO A MUSEUM, BUT THEY ARE NOT!

IN ADDITION TO ORGANS, PLANTS AND FOSSILS, SCIENTIFIC AND TECHNOLOGICAL BREAKTHROUGHS HAVE MADE IT POSSIBLE TO COLLECT MICROSCOPIC ORGANISMS OR GENETIC MATERIAL THAT CAN BE RE-ACTIVATED AND DISTRIBUTED!



A BIOBANK HAS A FUNCTION: IT IS A COLLECTION OF BIO-MATERIALS FOR DISTRIBUTION TO SCIENTISTS WORLDWIDE FOR THE ADVANCEMENT OF SCIENCE, MEDICINE, INDUSTRY AND PUBLIC HEALTH.



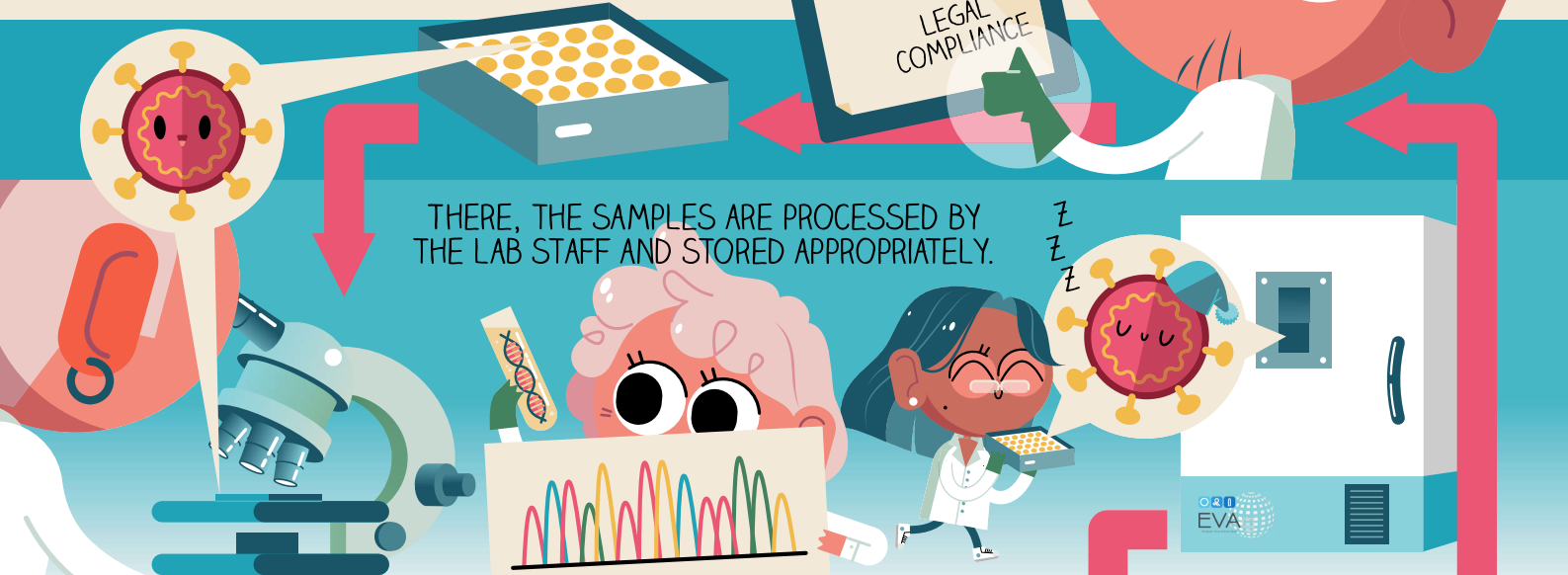
@miriamtiig

# HOW DOES A BIOBANK WORK?

A BIOBANK RECEIVES DIFFERENT TYPES OF BIOLOGICAL SAMPLES AS LONG AS THEY MEET ALL THE REQUIREMENTS.

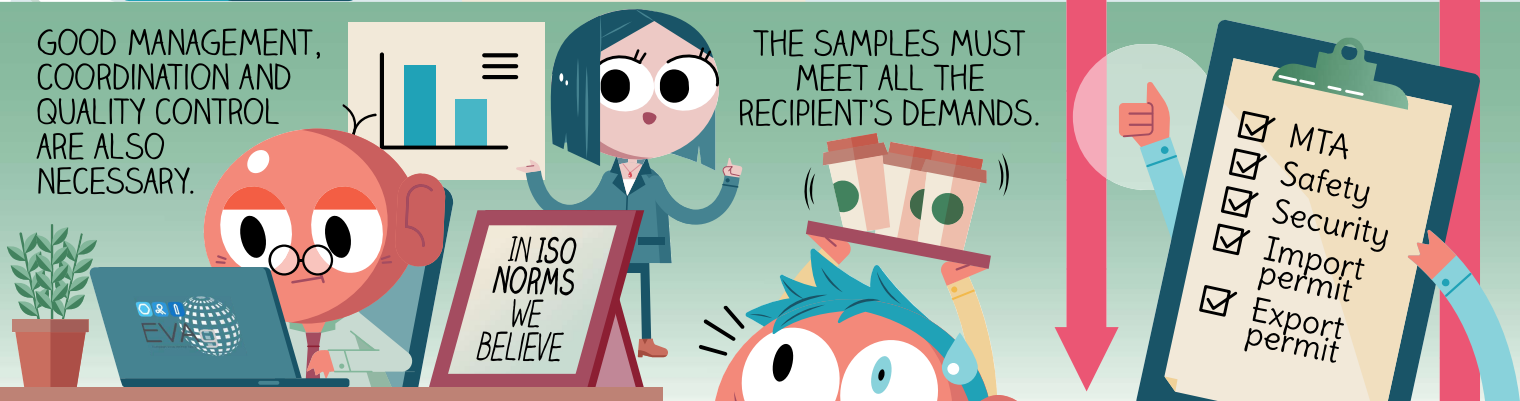


THERE, THE SAMPLES ARE PROCESSED BY THE LAB STAFF AND STORED APPROPRIATELY.

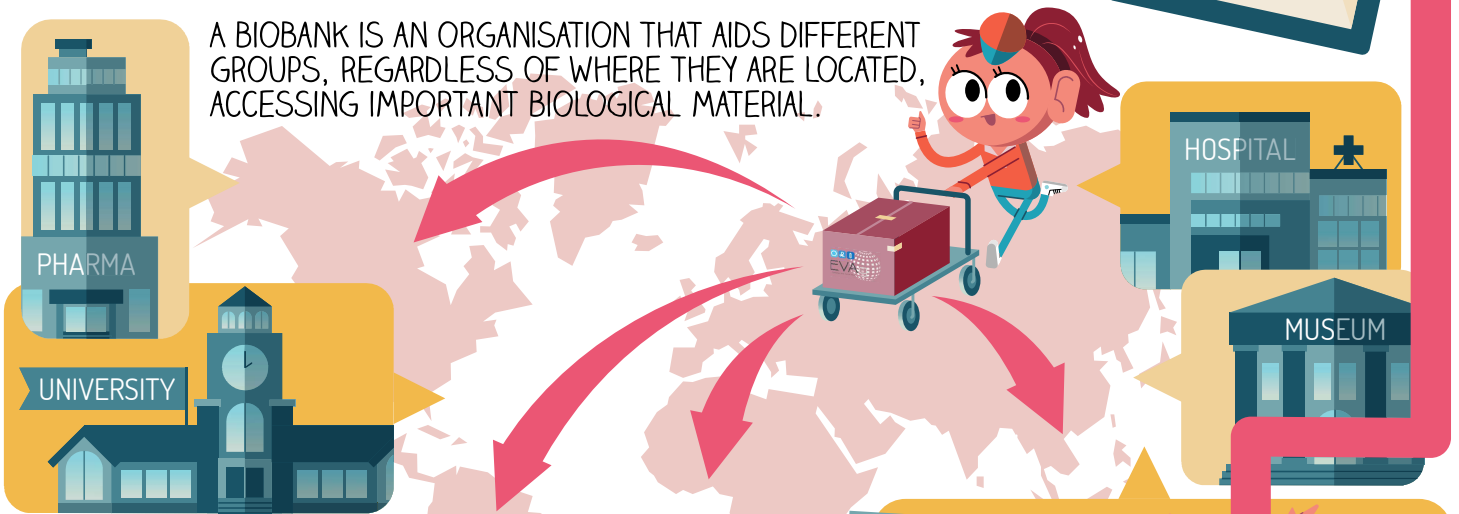


GOOD MANAGEMENT, COORDINATION AND QUALITY CONTROL ARE ALSO NECESSARY.

THE SAMPLES MUST MEET ALL THE RECIPIENT'S DEMANDS.



A BIOBANK IS AN ORGANISATION THAT AIDS DIFFERENT GROUPS, REGARDLESS OF WHERE THEY ARE LOCATED, ACCESSING IMPORTANT BIOLOGICAL MATERIAL.



THE FINAL GOAL IS TO HELP FULFILL DIFFERENT FUNCTIONS SUCH AS RESEARCH, DRUG DISCOVERY, EDUCATION AND BIODIVERSITY PRESERVATION. IN THE CASE OF EVA, THESE FUNCTIONS ARE CARRIED OUT ON A NON-PROFIT BASIS.

