BACTEROMIC

INTRODUCING BACTEROMIC INNOVATIVE AST

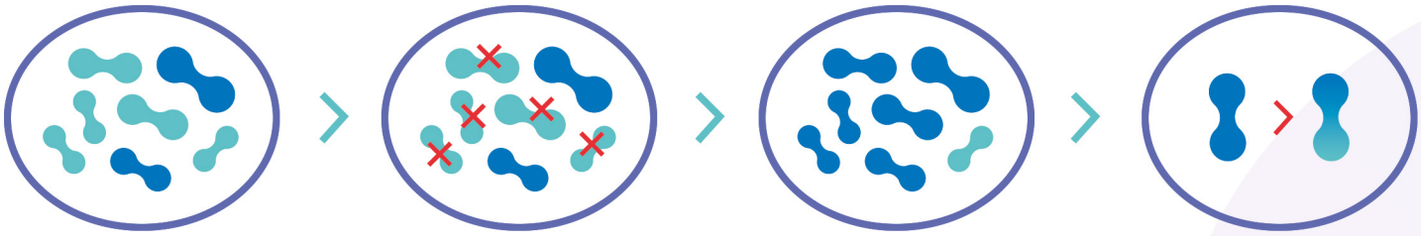
PROBLEM

GLOBAL THREAT OF Antimicrobial resistance (AMR)

What is antimicrobial resistance (AMR) and why is it a growing threat?

AMR happens when microorganisms evolve and stop responding, or respond less, to treatment.

As a result, the medicines become ineffective and infections persist in the body, increasing the risk of spread to others. The more microbes are exposed to pharmaceuticals, such as antibiotics, the more likely they are to adapt to them.



One of the primary drivers of AMR is the overuse and misuse of antibiotics in both human medicine and agriculture. In many cases, antibiotics are prescribed when they are not necessary or are not used correctly.**

Every 15 minutes, someone in the world dies from an infection caused by antibiotic-resistant bacteria.*

IF WE DO NOTHING, BY 2050 AMR WILL CAUSE MORE DEATHS THAN CANCER.

WE CAN CONTROL THE SPREAD OF ANTIBIOTIC RESISTANCE AND KEEP ANTIBIOTICS WORKING.

* https://www.who.int/news-room/fact-sheets/detail/antimicrobial-resistance
** https://www.mayoclinic.org/healthy-lifestyle/consumer-health/in-depth/antibiotics/art-20045720#:~:text=degree%20resistance%20occurs.-,Overuse%20of%20antibiotics,is%20not%20needed%20nor%20appropriate

HOW TO COMBAT AMR?

OUR SOLUTION

The optimal response is precise diagnostics

Antimicrobial Susceptibility Testing (AST) is the only effective solution to combat antibiotic resistance.

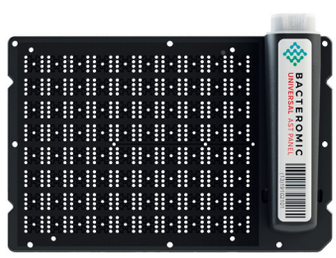
MEET BACTEROMIC

BACTEROMIC is a diagnostic system designed to address one of the most critical challenges in modern medicine – multidrug resistance.

The **BACTEROMIC** system allows phenotypic evaluation of the efficacy of up to 31 antibiotics used to treat respiratory, blood, urinary tract, or skin infections, among others.

Filling device

Analyzer



Panel

BACTEROMIC is highly informative and offers a comprehensive antibiogram

- A single panel for both G+ and G-
- 640 incubation chambers per panel
- Real MIC value for each antibiotic
- Automated analysis capable of handling up to 60 cartridges simultaneously

Bacteromic delivers a pivotal technology to prolong the lifespan of existing and new antibiotics, to slow down antibiotic resistance development, and eventually minimize the death toll of drug resistant infections.

The system is intended for use only for medical laboratories personnel licensed to perform in vitro diagnostic tests.

BACTEROMIC

Scope Fluidics

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