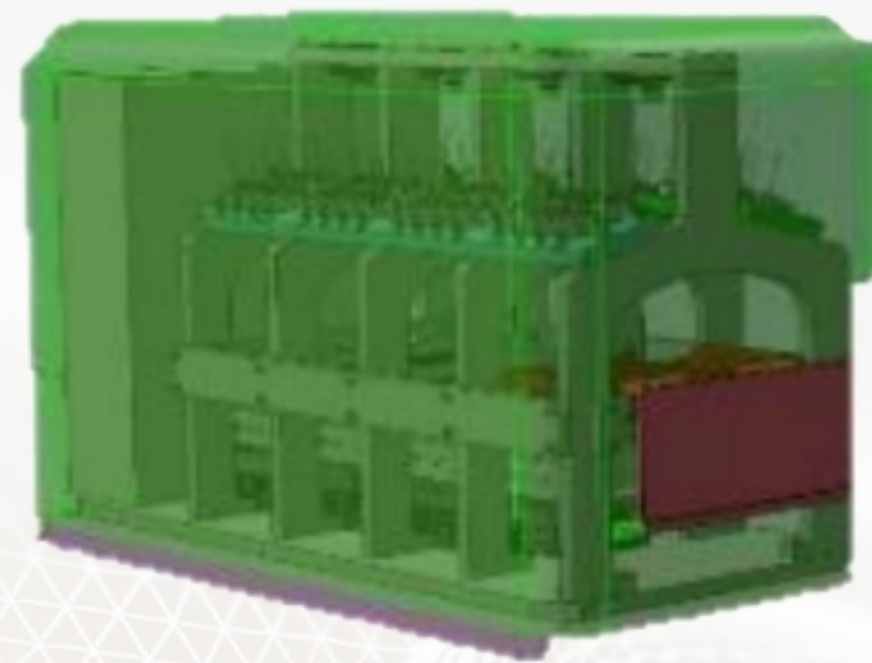




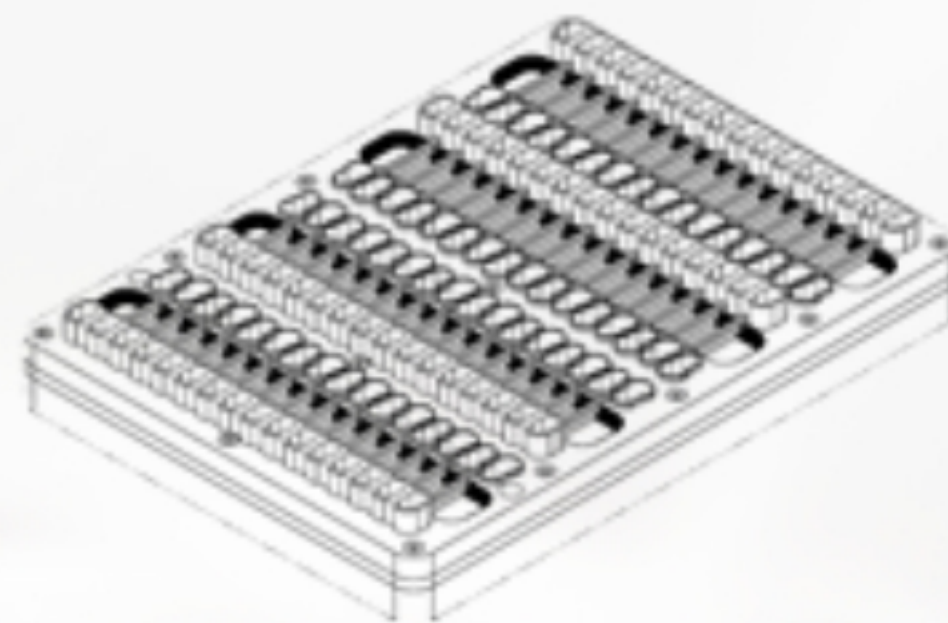
Technology

Patented Technology

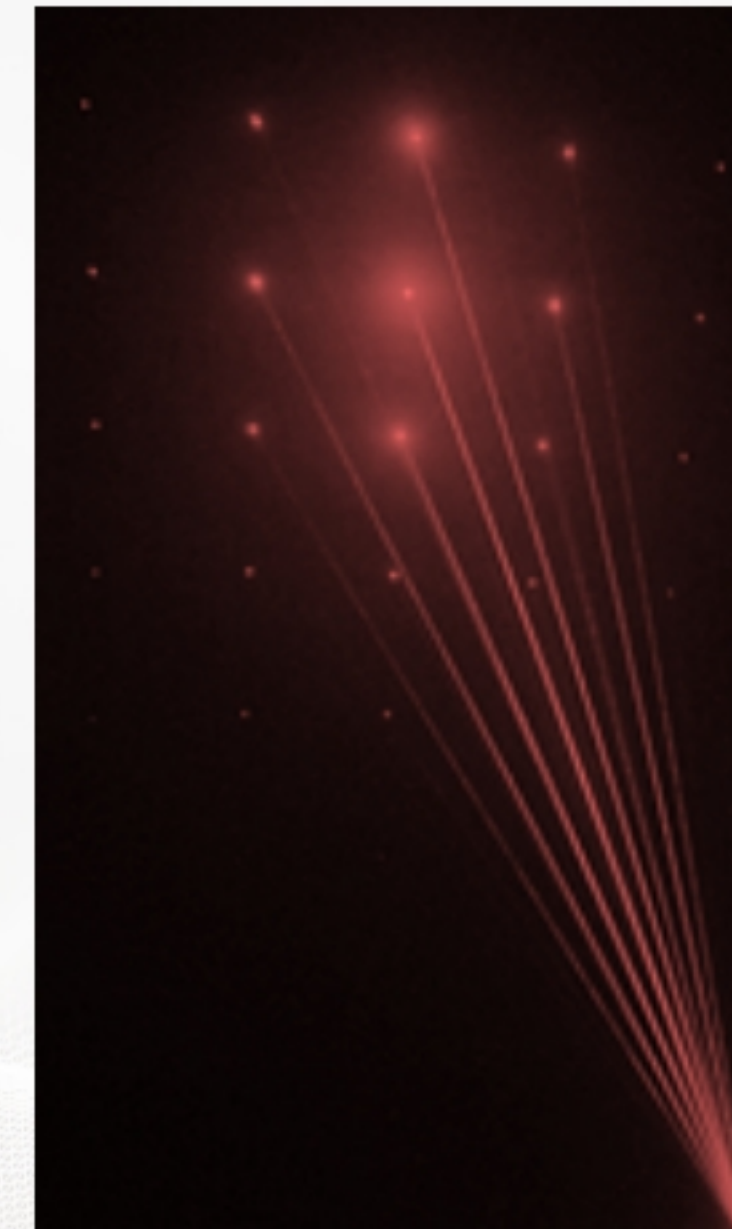
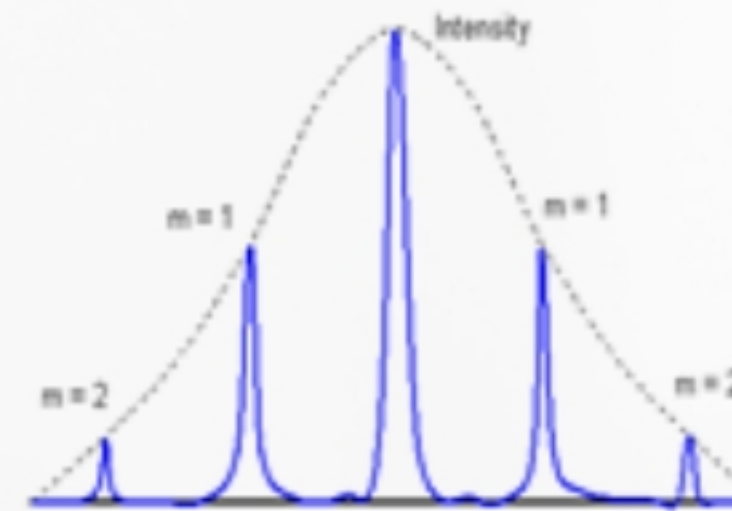
Highly sensitive to changes in culture density.
Testing multiple antibiotic at the same time



Testing Instrument



Sample cassette



Laser diffractions

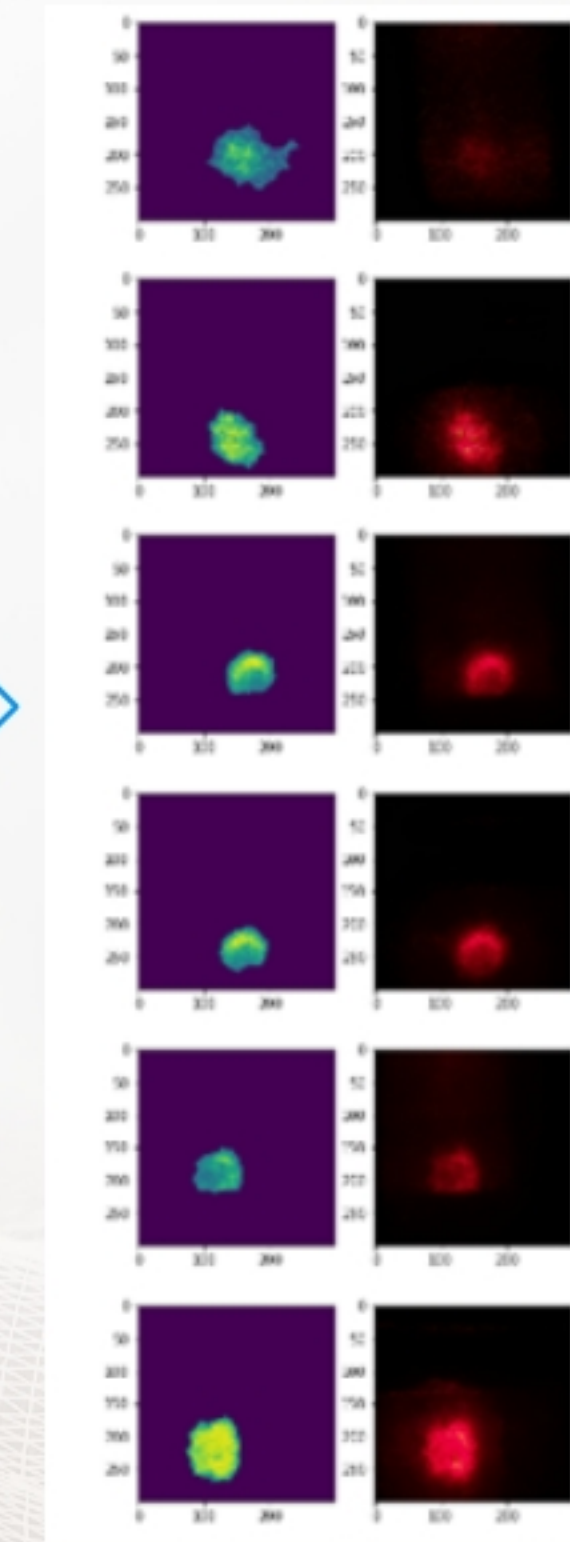
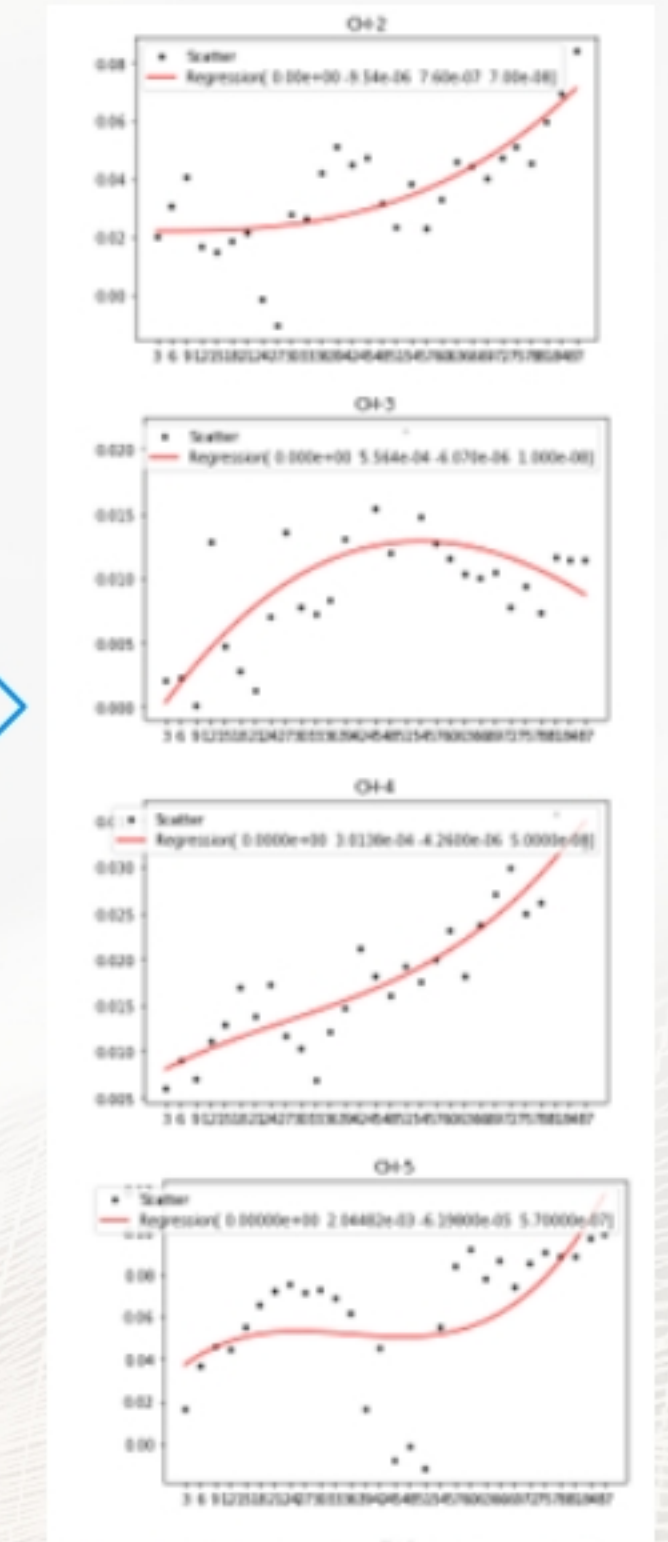


Image analysis



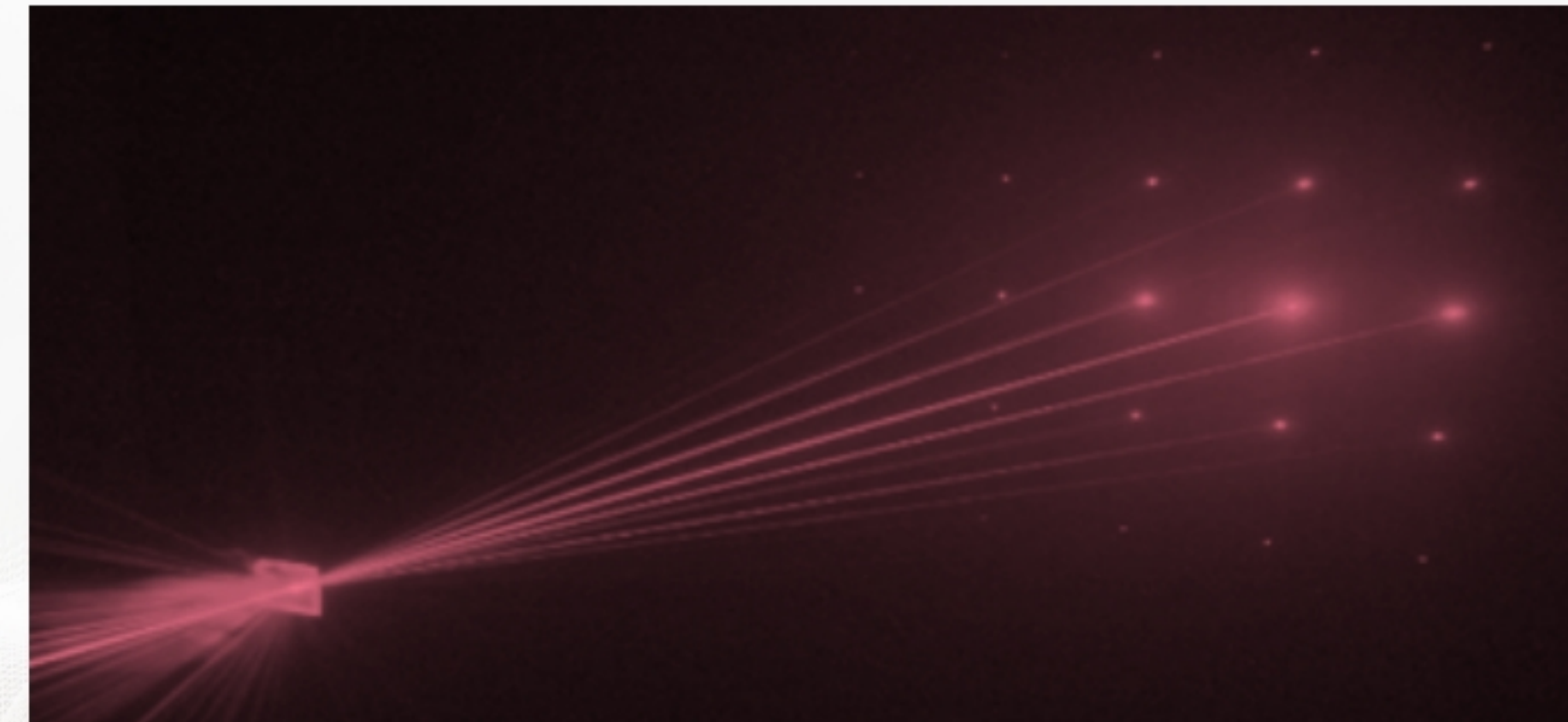
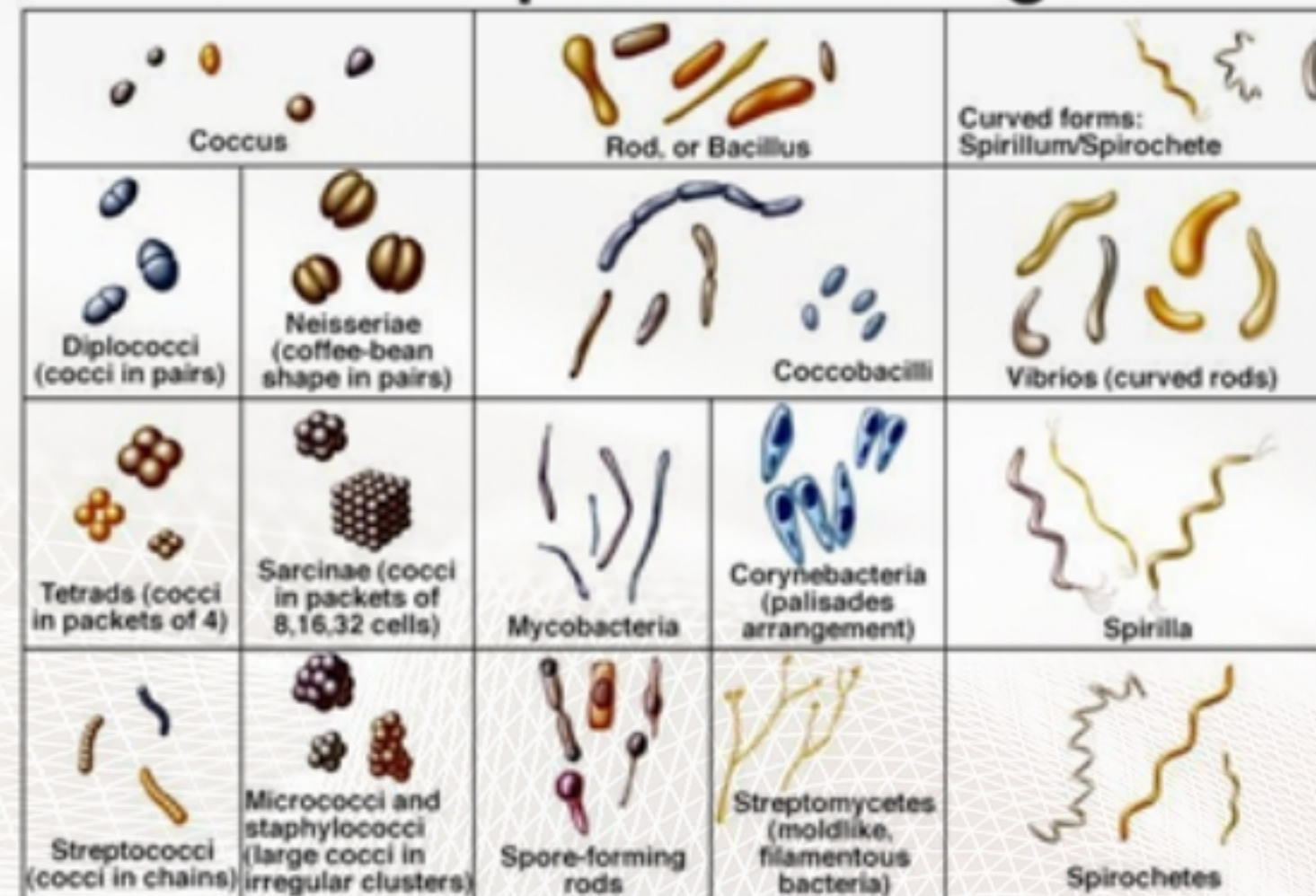
Phenotypic growth

In all aspects bacteria are **highly variant** in:

- Morphology
- Biochemistry
- Metabolism
- Enzymatic activity...

PhenofAST has managed to identify the only **non-variant** property, common to all bacteria cells: The light **index of refraction**, directly traced through laser diffraction images.

Bacterial shapes and arrangements



Unleash Incredible Savings

No need to pay \$200 per lab test results.

Our test kits are made affordable by **not** using any expensive and delicate biochemicals, enzymes, ligands, antibodies or molecular probes.



Wide Range of Diseases

No need to stack the lab with different instruments. We detect culture growth across multiple diseases and infections.