

# Met-SAMoA<sup>®</sup>, DESIGNED BY BIOASTER, Metabolic Screening of Antimicrobial Mode of Actions

An integrated NMR/MS metabolomics platform for the prediction of the novelty of new antimicrobials mechanisms of action (MoA) based on their metabolic signature.

## INTEREST

- Facilitate & accelerate new antimicrobials discovery and development
- Identify the novelty of a MoA - or confirm the target - of a new drug candidate

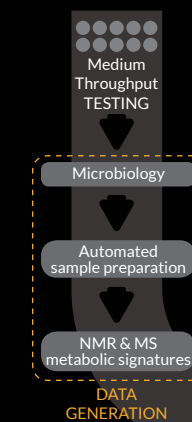
## ADVANTAGES

- High level of specificity: sub-target level of information
- Medium-throughput automated platform, with industrial standards
- Simpler, faster and safer approach than classic methods

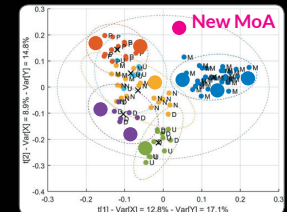
## KNOW HOW

- High level omics technologies (NMR/MS) to generate MoA associated metabolic signatures
- Biostatistics-based MoA identification: prediction algorithms and machine learning
- Design and implementation of a dedicated database

## POTENTIAL ANTIMICROBIALS



## DRUG DEVELOPMENT



## VISUALIZATION

