

Antimicrobial Activity Screening

Conduct a screening assay on microbial cells, e.g. MIC-type assays or other phenotypic screens.

Cytotoxicity Screening

Evaluate cytotoxicity of lead compounds with antimicrobial activity by counterscreening on host model cells.

MOA Identification and Characterization

Apply genomic, biochemical or molecular biology tools to identify target and/or further understand and characterize MOA.

Lead Optimization & Preclinical Development

Improve activity, spectrum, pharmacokinetics, toxicology, pharmacodynamics, etc.