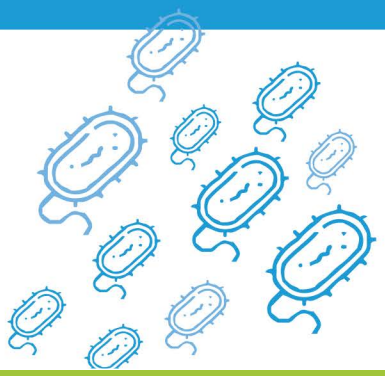
RESPONDING TO ANTIBIOTIC RESISTANCE THREATS

with Rapid, Point-of-Care Diagnostics

"Superbugs", or multidrug resistant bacteria, are the biggest healthcare challenge of our time. By 2050, antimicrobial resistant superbugs could kill an estimated 10 million people each year worldwide, overtaking cancer as a cause of death, and have a financial impact of $100 trillion USD worldwide.

Review on Antimicrobial Resistance, 2016

WHAT IS ANTIBIOTIC / ANTIMICROBIAL RESISTANCE?



> When germs (bacteria, viruses, or fungi) resist the drugs designed to destroy them
> New antibiotic-resistant bacteria are being discovered regularly, but new drug development is not keeping up
> Drug resistance genes can be easily transferred between species of bacteria

2,868,700
antibiotic-resistant infections per year

35,900
people die per year from these infections

18 THREATS
identified urgent, serious, or concerning

CDC Report: Antibiotic Resistance Threats, 2019

LexaGene's MiQLab™ pathogen detection system is designed to provide rapid on-site diagnostics for quick, sensitive detection of pathogens and their antimicrobial resistance factors.

RAPID DIAGNOSTICS IS VITAL TO HELP:

RESPOND

LexaGene's MiQLab system is designed to provide gold standard test results within 1 hours' time rather than days for traditional testing so that actionable insight is available sooner

PREVENT

MiQLab provides insight on antibiotic resistance factors for more targeted therapy which can reduce the chances of disease spread

CONTROL

MiQLab provides rapid results for better outcomes and better antibiotic stewardship, which can help reduce future threats

LexaGene

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