AMR Register – An innovative platform for sharing industry surveillance data

SEPTEMBER 13, 2022
Rebecca Li, PhD
Executive Director, Vivli
Introducing the AMR Register

Innovative, fully searchable platform for high quality industry surveillance data

- Detect trends in multi-drug resistance over time
- Inform national and international policy and antibiotic stewardship
- Allow modeling of future resistance trends
AMR Register Scientific Advisory Board

- Advise Vivli during the development of the platform from a scientific perspective
- Assist with outreach to promote the platform to key stakeholder groups
- Advise on the value proposition
- Advise on outreach to researchers
Surveillance datasets to-date

>925,000* isolates
from 81** countries
collected 2004-2020
on 434 organisms
testing 69 antimicrobials

*Including some genotype and pediatric data
**Including 40 LMICs (7 in Sub-Saharan Africa):

Argentina, Belarus, Brazil, Bulgaria, Cameroon, China, Colombia, Costa Rica, Dominican Republic, Ecuador, Egypt, El Salvador, Guatemala, Honduras, India, Indonesia, Ivory Coast, Jamaica, Jordan, Kenya, Lebanon, Malaysia, Mauritius, Mexico, Morocco, Namibia, Nicaragua, Nigeria, Pakistan, Panama, Philippines, Romania, Russia, Serbia, South Africa, Thailand, Tunisia, Turkey, Ukraine, Viet Nam

Vivli AMR Register Steering Committee

• GSK
• Johnson & Johnson
• Merck
• Paratek
• Pfizer
• Shionogi
• Viatris
• Venatrox
AMR Register - How it works

Researcher conducts a Search for Studies

Accesses datasets

Results

Study Alpha

Study Omega

Researcher accesses
the susceptibility
surveillance data,
Analyses & Publishes

Researcher conducts a Search for Studies

amr.vivli.org