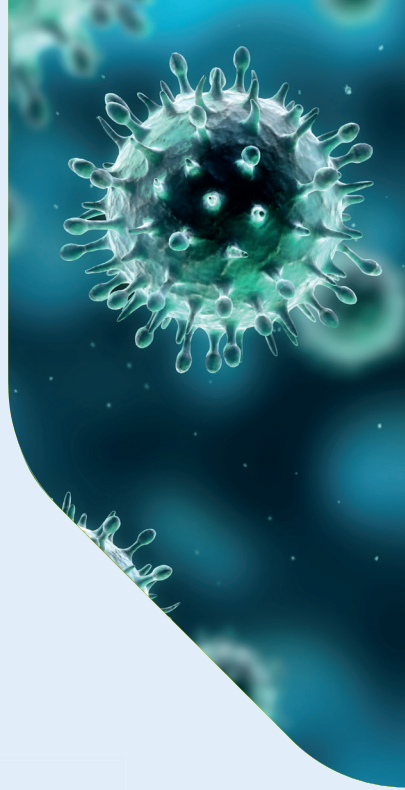


**Antimicrobial Resistance (AMR) -  
A Growing Threat to Global Health**

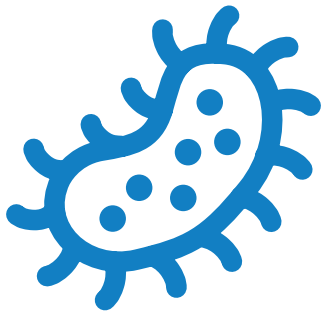
**It is time to act NOW!**



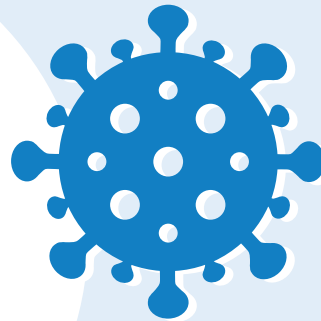


# What is AMR?

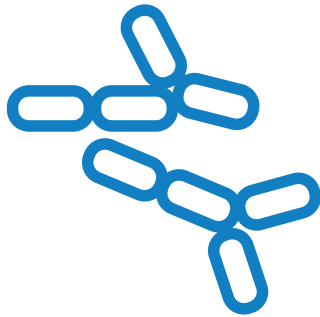
Antimicrobial Resistance occurs when bacteria, viruses, fungi and parasites adapt and no longer respond to medicines.<sup>1</sup>



Antibiotics



Antivirals

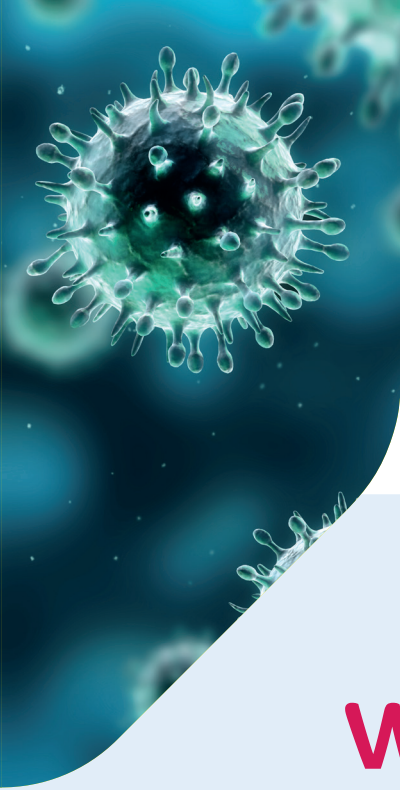


Antifungals



Antiparasitics

<sup>1</sup> World Health Organization (2023). *Antimicrobial resistance: Fact sheet.*



# What are the Consequences?

## Impact on Human Health<sup>1</sup>

- Infections become harder to treat
- Higher risk of disease spreading
- Surgeries and other treatments could become riskier
- Higher mortality



## Impact on Healthcare System

Antimicrobial Resistance increases the cost of Health Care by

**US \$66 Billion**<sup>2</sup>

<sup>1</sup> World Health Organization (2023). *Antimicrobial resistance: Fact sheet*.

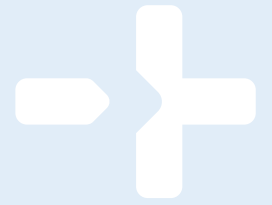
<sup>2</sup> Center for Global Development (2024). *Forecasting the fallout from AMR: Economic impacts of antimicrobial resistance in humans*.



It is estimated that AMR is responsible for around **1.2 million deaths** worldwide **each year** – and the number continues to rise.<sup>3</sup>



<sup>3</sup> Murray C, Ikuta KS, Sharara F et al.: Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. Lancet 2022 Jan 18; doi: 10.1016/S0140-6736(21)02724-0



# schülkes contribution to act NOW.

schülke provides effective Products and Scientific Expertise for Infection Prevention.

We offer a wide range of reliable solutions, covering hand, skin, wound, surface and instrument disinfection.

