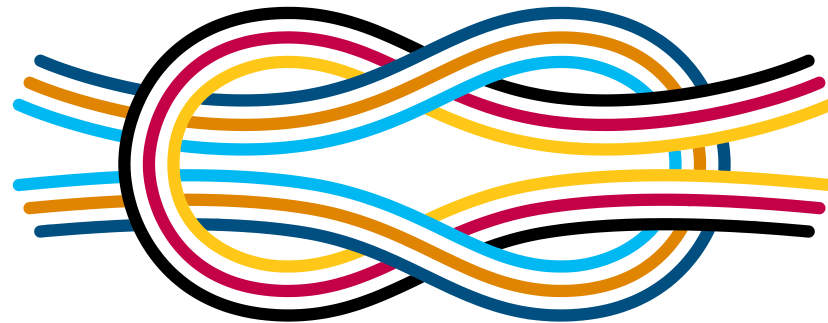




Federal Ministry
of Health

Federal Ministry
of Food
and Agriculture

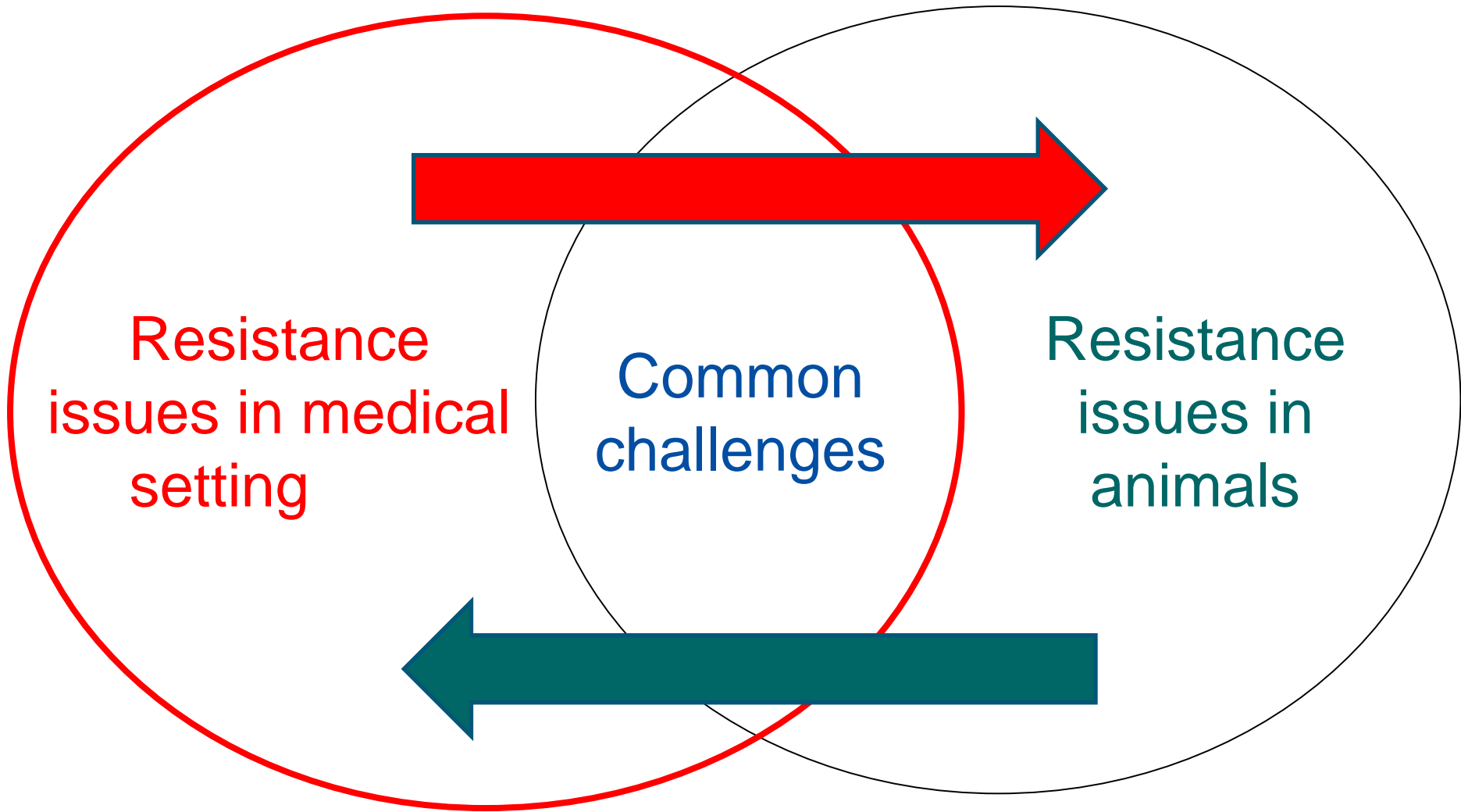


G20 GERMANY 2017

Meeting of the Public Health and
Veterinary Public Health Institutes of the G20

Challenges Workshop 3

What is it all about?



Resistance
issues in medical
setting

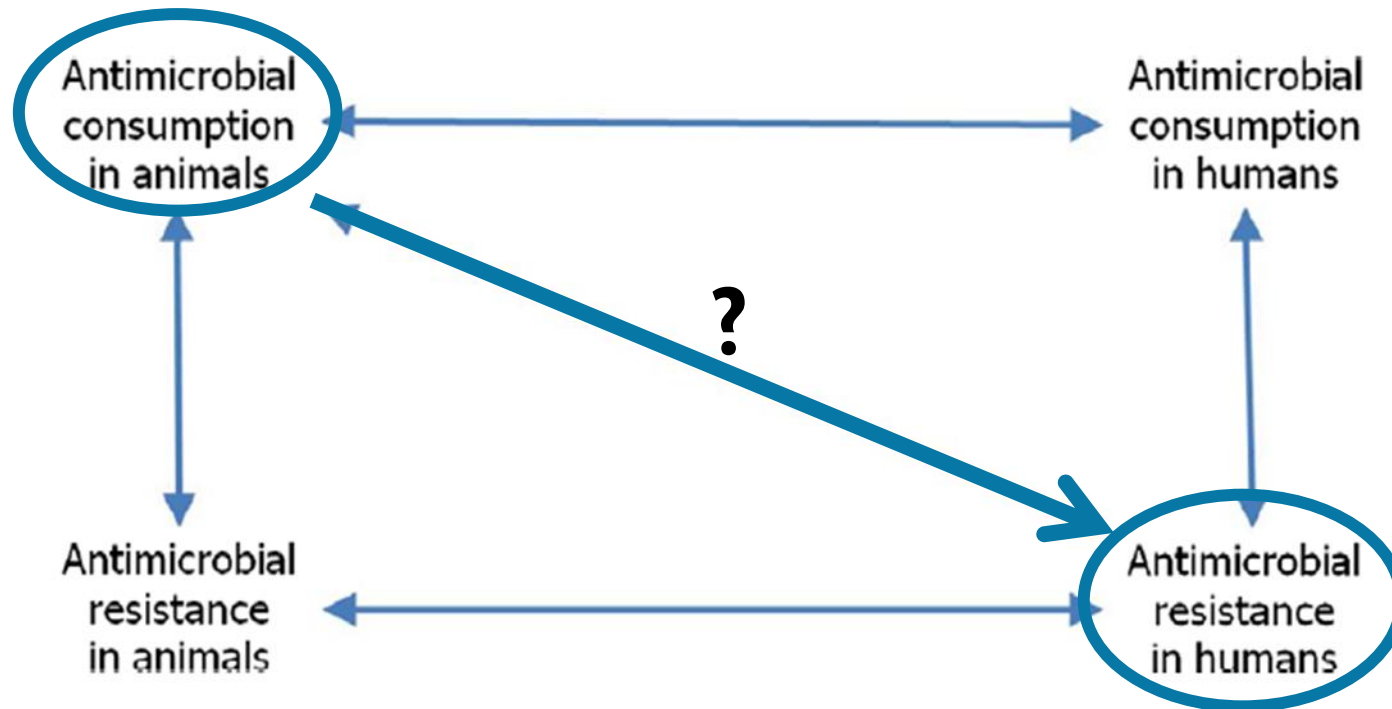
Common
challenges

Resistance
issues in
animals

Do we need a one health AMR surveillance database ?

- What do we need (at local, national, regional and global level) ?
- What should be included ?

„One Health“ AMR surveillance JIACRA report



Source: Joint Interagency Antimicrobial Consumption and Resistance Analysis (JIACRA) Report (2017)

What do we have ?

- National, regional and global experiences ?

What is missing ?

- AMR/AMC surveillance
 - One Health AMR surveillance
 - One Health AMC surveillance
 - One Health AMR/AMC surveillance
-
- Role of travel and trade

What is it good for ?

Integrated analysis

- Association of AMR development in humans, animals and the food chain
- Association of AMR development with AMU

Improving rational treatment

- Feedback to prescribers/clinicians
- Further development of treatment guidelines

What are the current major obstacles?

Current obstacles ?

Organisation and structure

- Who is responsible for the database ?
- Where to get data from ?
- Access to travel/trade – AMR- data?

Current obstacles ?

Methodology

- What is the sampling frame ?
- Which bacteria (and antibiotic combinations) to be covered ?
- Standardization of susceptibility testing (AST)
- Defining the units for consumption ?
- Quality assurance ?

Thank you
for your attention!