

Parallel session 7: Global change – global health

Chair: Ulrich E. Schaible (FZB), Barbara Amon (ATB)
Organised by Leibniz Research Alliance "INFECTIONS' 21"

Key research topics and challenges

1. In Public Health and Global Health fighting poverty and social injustice has to be priority.
2. Interdisciplinary approaches to eliminate Tuberculosis beyond treatment, prophylaxis and surveillance need to annihilate risk factors
3. The microbiome is crucial for diverse health issues.
4. Sustainable agricultural systems are essential for Global Health concepts.
5. Grand societal challenges require a multidisciplinary collaboration between agricultural and health disciplines and beyond.

Nexus to other SDG(s)

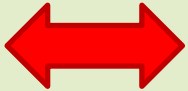


Peace - Justice etc. is missing

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Way forward, next steps of the research alliance (LRA Infections'21)



Joined expertise in **biomedicine, agriculture, environmental, climate, social and political science** to study **transmission pathways of infections**

Topics 2019 - 2026

- Global conditions* for evolution of **antimicrobial resistance** in the context of local **microbiomes**
- **Antimicrobial resistance in agriculture / animal husbandry**
- Benefits of **antibiotic stewardship** in under developed countries
- Urban vs. rural factors for infection transmission

* biological, ecological, nutritional, behavioural, economical, political

Activities 2019 – 2026

- Include expertise in **health economics** and **urban development**
- Link up with public health institutions (RKI, FLI, WHO ...)

