



Research on pathogenic microorganisms and human / human-animal infectious diseases

- Human & animal health
- Microbial pathogens
- Infectious diseases, emerging diseases & zoonoses
- Epidemic/pandemic prevention and response
- Diagnostics



Research & development of new (bio)pharmaceuticals / therapeutic solutions

- Innovative medicines/ biopharmaceuticals
 - Antimicrobial resistance
 - Antimicrobials
 - Vaccines
- Phage therapies
- Microbiota & microbiome therapeutics



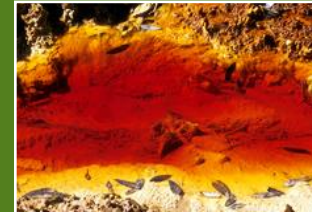
Research & development of new, safe, healthy and sustainable food and feed products

- Food security
- Food safety
- Food processing & preservation
- Food microbiome
- Sustainable and nutritious foods/diets
- Functional foods, pre-, pro- and postbiotics



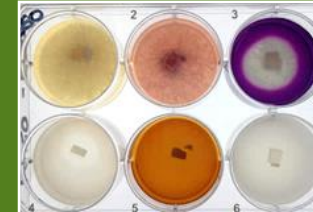
Resources and methods for biological management of soils and crops

- Soil microbiomes & healthy soils
- Plant-microbe interactions, plant health & crop productivity
- Biocontrol & biopesticides
- Biofertilizers



Resources and methods for biomonitoring and/or bioremediation of soils and waters

- Environmental pollution, clean soils and clean water
- Biomonitoring & bioremediation
- Microbial pathogens
- Persistent organic pollutants and plastics/microplastics



Research & development of renewable biobased chemicals, materials and bioenergy sources

- Circular economy
- Climate change
- Renewable biobased chemicals and materials/biomaterials
- Sustainable, clean energy/bioenergy & advanced biofuels



Rescuing and preserving microbial biodiversity

- Endangered environments and biodiversity loss
- Composition and functioning of microbial communities
- Microbial bio-prospection, cultivation and preservation



HEALTH & FOOD

AGRO-FOOD

ENVIRONMENT & ENERGY

BIODIVERSITY • BIOTECHNOLOGY • BIOECONOMY • SUSTAINABILITY • ONE HEALTH