InfectControl has flexible, quality-oriented partners within Germany and five sites hosting innovation laboratories.

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STRONG TOGETHER  
AGAINST INFECTIONS
Prevent infectious diseases sustainably, detect them quicker and fight them consistently is the aim of the Germany-wide consortium InfectControl.

Science and industry have joined forces and founded this network of 60 partners in 35 collaborative projects. InfectControl is unique in Germany as it brings experts from many different disciplines together.

We focus on the four relevant areas:
- Agriculture and veterinary medicine
- Mobility, climate and infrastructure
- Medical research and care
- Public and patients

Involved Disciplines:
- Communication researchers
- Psychologists
- Medical doctors

One Health
InfectControl uses the One Health approach as the health of humans, animals and the environment are directly linked.

We develop for example:
- Markers and new diagnostic tools to identify zoonotic diseases quickly and to combat them

Involved Disciplines:
- Veterinary scientists, molecular biologist and physicists

Markers and new diagnostic tools to unravel the emergence of mycotic resistance and to diagnose them faster

Involved Disciplines:
- Farmers, medical doctors, veterinarians and biologists together with industry partners

Public and Society
To combat infectious diseases, it is particularly important to question existing patterns of behavior, particularly in the area of antibiotic use. Educating the public and patients is therefore a central component of InfectControl.

We create and design information brochures for patients, podcasts for animal farmers and an app for general practitioners to increase the correct use of antibiotics. Additionally, in Thuringia a vaccination information campaign was implemented.

Involved Disciplines:
- Communication researchers
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Economy
With a strong network between the scientific community and industrial partners, it is possible to quickly transfer findings from infection research into applications. Half of the InfectControl partners are companies.

We develop new vaccines against respiratory and systemic infections in humans and pigs and a new antibiotic against tuberculosis.

Involved Disciplines:
- Farmers, medical doctors, veterinarians and biologists together with industry partners

Interdisciplinary Research
More than just medical research is needed to combat infections sustainably. InfectControl combines human and veterinary medicine with architecture, climate research, communication science and many other disciplines.

Involved Disciplines:
- Veterinary scientists, molecular biologist and physicists
- Farmers, medical doctors, veterinarians and biologists together with industry partners

Architecture instead of Antibiotics
We develop for example new building standards for hospitals and livestock farming as well as infection-preventative patient rooms.

Involved Disciplines:
- Architects, together with veterinarians and medical doctors

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Public and Society
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Architecture instead of Antibiotics

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