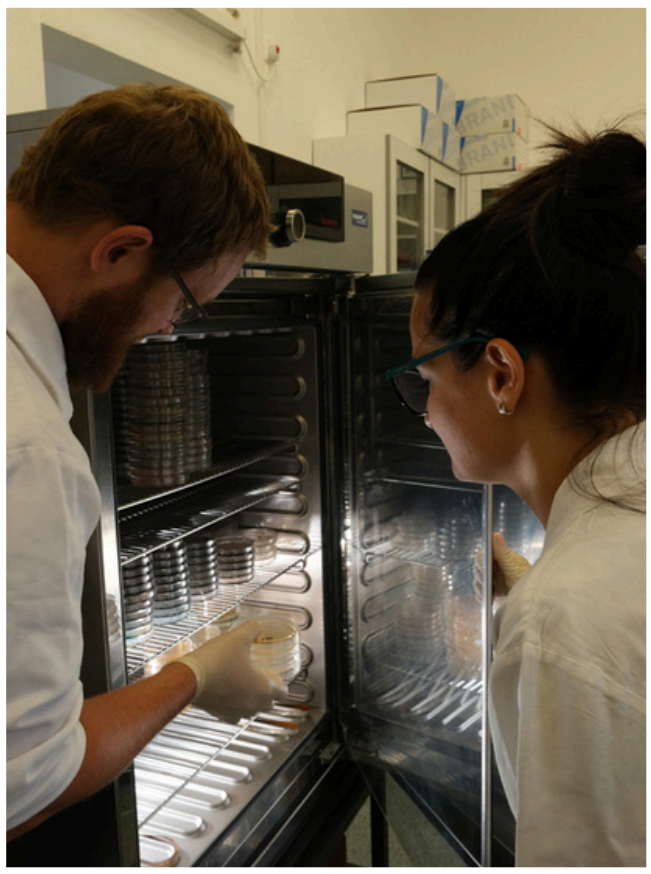
NATIONAL LABORATORY FOR INFECTIOUS ANIMAL DISEASES, ANTIMICROBIAL RESISTANCE, VETERINARY PUBLIC HEALTH AND FOOD CHAIN SAFETY

TO EFFECTIVELY CONTROL INFECTIOUS ANIMAL DISEASES AND ANTIBIOTIC RESISTANCE WHILE MAINTAINING FOOD CHAIN SAFETY, A MULTIDISCIPLINARY APPROACH IS INEVITABLE

Main goal of the National Laboratory is to explore and analyse various veterinary and public health risks and to perform research and innovation activities for the development of recommendations, guidelines, diagnostics, vaccines, and drugs for mitigating these risks. In the meantime, professional relations are formed and strengthened with national and international representatives of the animal health and food chain safety sectors, and researchers-lecturers with multidisciplinary, innovation-driven approach are trained. Besides scientific achievements, innovative products and services developed during the project will also be marketed, contributing to an increase in the sector's competitiveness.



MAIN RESEARCH AREAS

- Antimicrobial resistance
- Infectious diseases of food producing animals
- Development of veterinary drugs, vaccines, and diagnostics
- Chemical and biological risks in the food chain

CONSORTIUM LEADER

University of Veterinary Medicine Budapest

CONSORTIUM PARTNERS

Széchenyi István University

HUN-REN Veterinary Medical Research Institute

PROJECT NUMBER: RRF-2.3.1-21-2022-00001

FUNDING PERIOD: 01.06.2022 - 28.02.2026

OVERALL BUDGET: 3.300.000.000 HUF

BENEFITS TO BE EXPECTED FROM LABORATORY RESEARCH

National veterinary resistance database, and its connection to public health. Innovative veterinary drugs, vaccines, diagnostics, animal health guidelines, datasets on food chain safety, scientific publications and presentations, patents

THE PROFESSIONAL TEAM

The leader of this Consortium is the **University of Veterinary Medicine Budapest** (UVMB**)**, the consortial members are the **HUN-REN Veterinary Medical Research Institute** (HUN-REN-VMRI) and **Széchenyi István University** (SZU**).**

The Consortium is led by **Prof. Péter Sótonyi**, Rector of UVMB.

The professional leader of the project is **Ákos Jerzsele**, Vice Rector for research and innovation, whose main expertise in antimicrobial resistance.

Considering HUN-REN-VMRI, **Dr. Krisztián Bányai**, in case of SZU Albert Kázmér Faculty, **Dr. Tamás Tóth** dean are the principal investigators. The project will involve more than 90 scientists, among them outstanding researchers from various fields of expertise (veterinarians, doctors, biologists, microbiologists, agricultural engineer, chemical engineer, bioinformaticians), as well as several junior researchers and PhD. students.

POSSIBLE PARTNERSHIPS

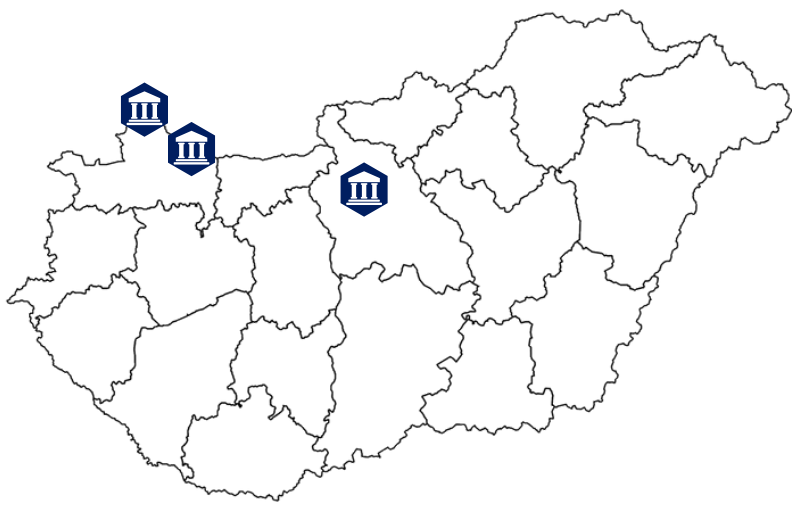
During the project, we are planning to apply for international funds on the fields of food chain safety risks and IC virus neutralization, being either consortium partners or leaders. For the planned research and innovation activities, professional relations will be formed and strengthened with national and international, academic and industry representatives of the animal health, food chain and veterinary drug development fields.

TARGET GROUP

Veterinarians, doctors, researchers, university lecturers, veterinary and medical students, animal breeders, farmers, representatives of the food chain and agriculture sectors, general public

PLACES OF IMPLEMENTATION:

- Budapest
- Győr
- Mosonmagyaróvár



PROFESSIONAL CONTACT

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