



PROBIOTIC BACTERIA OF GUT MICROBIOTA AS THE BASIS OF ANIMAL HEALTH AND WELFARE

ABOUT THE PROJECT

- ▶ Selection of new bacterial isolates from poultry and pigs and determination of their complete genome sequence.
- ▶ Verification of the ability of these isolates to colonize the digestive tract of chickens and piglets.
- ▶ Testing the host response to colonization by selected bacterial isolates with probiotic potential.
- ▶ Identification of probiotic isolates which increase the natural resistance of chickens and piglets to infection with *Salmonella*, *Campylobacter* and pathogenic *E. coli*, including antibiotic-resistant clones.

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