

Application of bacteriophages against fish pathogens in aquaculture

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Fish products are important and healthy food of the animal protein. Fish bacterial diseases represent important problems for aquaculture since large scale disease outbreaks cause massive mortalities of fish stocks resulting in great financial loss for the industry. The aim of our work is to optimize currently used disease treatment and to replace it with an alternative environment-friendly approach that is based on natural microbial warfare: bacteriophages.

The proposed work includes *in vivo* experiments in aquaculture for testing antibacterial efficacy and safety of bacteriophages.