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## IMMUNIZATION STRATEGY BASED ON IMMUNOADAPTABILITY CROSSES AND IMMUNOLOGICAL PHENOMENON OF RESONANCE STRATEGY AGAINST VIRAL GENOME OF MAREK'S DISEASE OF CHICKENS

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### Research question(s)

The Republic of Uzbekistan has entered into a phase of intensive introduction of small businesses based on private property. In implementing this strategy, the leading role played by the creation of technologies multi-family or peasant farming on an industrial basis. In this regard, the most effective is the introduction of the small poultry business that provides ubiquitous in all types of agricultural land. This strategy is even more significant value, as it allows the transfer of agricultural production in the Republic on the organizational technology. However, our research has shown that in such small poultry farms there is the danger of an attack of the field Marek's disease virus of chickens recombined with field virus rock doves, which implies a special strategy for the immunization of the disease. In a small poultry company described the emergence and establishment of enzootic in terms of the epidemiological history of Marek's disease. Established a link between the occurrence of enzootic and the emergence of the recombinant strain on the basis of recombination strains Rock Doves and chickens. Deciphered the genome of a new strategy aimed at field virus defeat of the autonomic nervous system and strengthening pleiotropic. Proved the presence of a positive correction between pigmentation first immunadaptation cross Lohmann Brown, Sandy Lohman, Lohman White and DeKalb white. A new schedule of vaccination against Marek's disease, based on the phenomenon of resonance between the immune and anti-idiotypic vaccine antigen.

### Method

Work will be performed in small poultry farms, distributing chickens on a commercial basis without the expenditure of energy to create a microclimate in the house, in the laboratory of the Department "Anatomy, physiology, pharmacology and surgery of animals" Samarkand agricultural institut, in the laboratory of inorganic and eco-analytical laboratory Samarkand State University, a veterinary laboratory poultry farm "Samarkandparranda". Morphological differences adaptability chickens will be investigated by the example of cross -Lohman Brown classic white Loman, Loman sendat.

### Results

Some signs typical of Marek's disease began to record in 2010 in a small chicken farm, where they were kept crosses Lohman Brown and scrap white. In the beginning, 4-5 monthly chickens began to observe transient paresis and paralysis of the limbs. If the bird is lying provided with food and water, they recovered and restored productivity.

If a lame bird remains in the cell, the neighbours can trample and sacral bone fractures. These birds are found in the oviduct mature eggs. This explains why this form of herd productivity falls sharply. These signs are indicated within the neural or classical form of the disease, which was characterized by paresis and paralysis of the sciatic nerve. At a deeper During this process, there is a strong flexion shin jog joint compression and hooked fingers. Chicken assumes the pose of man sitting on skis and sometimes vice versa regidno feet apart in opposite directions. The sciatic nerve of hens swollen from lymphoid infiltration, which is the cause of paresis and paralysis.

### Conclusion

The resistance of chickens to Marek's disease is associated with pigmentation feathers.

In areas of habitat bluish pigeons crosses desirable to use pigmented feathers.

To enhance the effect of the vaccine antigen revaccination should be carried out at 28-30 day-old chicks instead of seven days or three schedules to take advantage of the immunological phenomenon of resonance.

In view of the fact that the disease occurs in the form of polyneuritis, it is necessary to exclude drafts and air flow under the ventral portion of the chickens.

Improvement of animal health measures and rehabilitation chickens transit paresis will keep business profits.



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**SAMARKAND Conference**  
2-4 November 2016, Uzbekistan