



Serology Research for the Presence of *Chlamydia psittaci* Ornamental Birds in the City of Tirana

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Abstract: The study was conducted on 573 blood samples mostly taken from pigeons, parrots and canaries in the city of Tirana. Sampling was carried out in all four seasons of the year 2011, and their control was carried out by the Institute of Veterinary Food Safety (FSV) Tirana. In order to check them it was used an indirect immunofluorescence test (IFT), combined with chlamydia's isolation in chicken egg embryo cells, as a comparative method, which in there were identified 51 cases with *Ch. psittaci*. Relative specificity of fluorescent antibody's test in the serum was approximately 95.3% and the relative sensitivity was about 60.3%. Results of this study, which as mentioned above were conducted for the first time in Albania, showed that immunofluorescence test performed using diagnostic kits of Medical service-2000, combined with primary isolation of chlamydia in embryo of chicken eggs, was very specific, and very useful for the identification of useful option for veterinary service.

Keywords: *Immunofluorescence overhead, relative sensitivity immunodepression, seropozitivity, fluorescent antibody*

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