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Seroepidemiology of CCHF in domestic animals in endemic areas in Albania

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Crimean-Congo hemorrhagic fever (CCHF) is an arboviral zoonotic infection which is endemic in some areas of the country. The aim of this study was to assess the seroprevalence of CCHFV in previous and recent endemic areas of the country. This cross sectional serologic study was conducted in period 2010-2014 by the Institute of Public Health in Tirana, Albania. A total of 152 serum samples from domestic animals were included in the survey. All samples were collected randomly from seven districts in Albania and were examined for anti-CCHFV IgG. Of the total of 152 samples examined, 102 (67.1%) were positive to IgG ELISA. The highest positivity rate was among cows (88.3%) and in recent endemic areas of Has and Kukes, 89.7% and 82.9% respectively. The scientific data presented in this study indicated that humans are at risk of World Health Organization.

Recent Publications

1. Maltezou H C and Papa A (2010) Crimean-congo hemorrhagic fever: risk for emergence of new endemic foci in Europe? *Travel Med Infect Dis* 8:139–43.
2. Kampen H, Poltz W, Hartelt K, Wölfel R, Faulde M. Detection of a questing *Hyalomma marginatum marginatum* adult female (Acari, Ixodidae) in southern Germany. *Exp Appl Acarol* 2007;43:227–31.
3. S S Al-Abri et al. (2017) Current status of Crimean-Congo haemorrhagic fever in the World Health Organization Eastern Mediterranean Region: issues, challenges, and future directions / *International Journal of Infectious Diseases* 58 (2017) 82–89
4. Messina J P, Pigott D M, Golding N, Duda K A, Brownstein J S, Weiss D J, et al. (2015) The global distribution of Crimean-Congo hemorrhagic fever. *Trans R Soc Trop Med Hyg* 109:503–13.

Biography

Perparim Kadriaj is currently working as a expertise in Control of Vector Diseases in Institute of Public Health, Albania. He has been conducting field trips in the framework of different research projects and emergencies in case of disease outbreaks; representing Institute of Public Health, Tirana, Albania at national and international events, congresses and workshops.

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