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Emerging infectious diseases: Anthroozoonoses and global change

About 75% of emerging human infectious diseases are thought to have come from animals, including wildlife. (Heyman 2004) The Crimean Congo Haemorrhagic Fever (CCHF) is one of the deadly hemorrhagic fevers caused by the CCHF virus, a member of the family Bunyaviridae, genus Nairovirus. Clinical manifestations are severe. Extensive bleeding may occur in an advanced stage of the disease, with mortality rates ranging from 5% to 50%. CCHF is transmitted by ticks of the genus Hyalomma and has been reported in more than 30 countries, arising considerable public health concern in many regions of the world including Europe. The main vector of CCHF virus in Europe is *H. marginatum*. That vector has been located in Albania, Bulgaria, Cyprus, France, Greece, Italy, Kosovo, Moldova, Portugal, Romania, Russia, Serbia, Spain, Turkey and Ukraine. Recent raising of the average seasonal temperatures in south European countries could also has a potential impact in increasing the colonization by vector populations that were not native. Besides, in many countries at risk of infection, standard collaboration procedures and protocols for data exchange are not settled between human and animal health services. Another important emerging virus is Japanese Encephalitis Virus (JEV): one of the most important endemic encephalitis in the world especially in Eastern and Southeastern Asia. JEV affects over 50,000 patients and results in 15,000 deaths annually. Moreover, in many countries at risk of infection, standard operating procedures and protocols for data exchange are not settled between human and animal health services. Therefore designing and creating a surveillance system for these vectortransmitted diseases should be targeted to develop common procedures and protocols for data exchange.

Biography

Massimo Cecaro after completing the high school in humanistic studies, he moved to the University of Camerino, where he got a Master Degree in Veterinary Medicine and in University of Teramo he successfully got the Specialization. Since the age of 14, he has worked as radio speaker, tv presenter and reporter for a wide range of artistic and scientific events. At the age of 24, he obtained a qualification to practice as a Journalist and in 2007 he was admitted to the National Association of Medical Press (ASMI), where he currently hold the position of National Councilor. He is Resident Member of MJA Medical Journalists' Association (London). He is Member of EFSA's Expert Database. He has been an invited speaker,mentor and chairman at International events in the field of Public Health and Safety in Canada, US, Europe and Asia. He has been author of several scientific works in public health. He is also director in Italy of a prestigious Educational Centre for work safety and public health. He is actively involved in International projects to improve the role of mass-media in medical sciences, and awarded in Philadelphia, Valencia and Las Vegas with International special recognition. He is serving as an editorial member of several reputed journals like: "Journal Food Processing Technology", "Journal of Veterinary Science & Technology", and Editor in Chief in the "Occupational Medicine & Health Affairs" and in "Journal of Mass Communication". He is Reviewer for "Journal of Cancer Science & Therapy". He is Organizing Committee Member of several International Conferences in US and in Europe.

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