

Research project IZS VE 01/12

A web 2.0 based surveillance network for Avian Flu

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In the last decade epidemics of avian flu have dramatically impacted European poultry production (Italy LPAI H7N1, Holland LPAI H7N7 and H5N1). Subsequently, the European Community defined specific surveillance activities in order to early detect virus circulation and prevent the spread of the disease. In particular, Directive 2005/94/EC aimed to organize all useful information for the risk analysis of virus transmission from wild birds to the rural and industrial poultry sector, also taking into account the potential risk for human health (zoonotic role).

Within this framework, a web 2.0 based surveillance system for avian influenza could be a useful tool to improve surveillance activities, allowing the effective participation of all stakeholders and data sharing between them; moreover it would increase the efficiency of communication to the public.