Life Sciences – Breaking News

Coriolis® air samplers are currently used for Avian Flu research

November 2016

Avian influenza refers to the disease caused by infection with avian (bird) influenza (flu) Type A viruses. These viruses occur naturally among wild and domestic birds worldwide and can also infect other animal species. As the infection by Avian Influenza have environmental, health and economic impact, the CDC (Center for Disease Control) and the World Health Organization (WHO) constantly monitor the level of avian influenza virus.

Influenza virus can be spread by infected animal to human. It is difficult to early detect the virus as the symptoms from an animal to another differ a lot. In the last few weeks, several outbreaks were declared in India, Europe and Middle East. Furthermore, for the last decade, due to H5N1(one of the strain of Avian Influenza) more than a hundred millions of birds and hundreds of people died with huge health and economic consequences. Researchers around the world are working hard to understand the virus and the contamination process.

Bertin Instruments, thanks to its product range Coriolis Air samplers, helps researchers to work on this subject. The Coriolis® Micro is an innovative biological air sampler for bio-contamination assessment in environmental / pollution research and food / veterinary industries. Based on a cyclonic technology, combined to a high air flow rate, Coriolis µ offers the most efficient particles collection in 10 minutes. This instrument is frequently used on research protocols ensuring a fast and efficient collection method.

Access the related articles:

Neuraminidase as an enzymatic marker for the detection of airborne Influenza virus and other viruses

Maternally-derived antibodies do not prevent transmission of swine influenza A virus between pigs

Discover the Coriolis Range on

www.bertin-instruments.com

Contacts:

Sophie Dubacq , Application & Product Specialist
Tel : +33 1 39 30 61 33
sophie.dubacq@bertin.fr

Armelle Chavanet, Content Marketing Manager
+33 1 39 30 60 75
armelle.chavanet@bertin.fr