



Development and validation of a method for quantification of antiviral drugs against influenza in poultry muscle using LC-MS/MS

VIRTUAL WORKSHOP

Date: 21 February 2022 | 9:00-10:15 (CET)



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Antiviral drugs for the treatment of influenza are one of the only reliable way to fight the virus. Despite these drugs not being licensed in food producing animals, amantadine has been previously detected in Asian poultry. This led to the ban of various antiviral drugs against influenza in poultry farming in different countries including China and the US. The major concern over this use in animal farming is that it could cause the development of more drug-resistant virus strains and therefore reduce the effectiveness of the antiviral drugs. To monitor this illegal use, it is essential to develop an exhaustive and sensitive method to quantify antiviral drugs used against influenza in poultry muscle. A method for the confirmatory analysis of 15 antiviral drugs and metabolites has been developed and validated following EU guidelines.

All registered participants will receive a link for access in due time.

AGENDA of the workshop:

9:00	Welcome and Introduction <i>Dr. Martin Danaher, Teagasc Food Research Centre, Ireland</i>
9:05	Introduction on antiviral drugs and influenza LC-MS/MS method development Sample preparation development Validation and storage stability study Occurrence on the Irish market <i>Dr. Martin Danaher & Clément Douillet, MSc., Teagasc Food Research Centre, Ireland</i>
10:00	Questions and Answers
10:15	End of workshop