



**EUROPEAN UNION REFERENCE LABORATORY
for Prohibited Antimicrobials (A6),
VMP Antimicrobials (B1)
Carbadox & Olaquinox (B2f)
and Dyes (B3e) Residues
in Food**

EU-RL PROGRAM OF THE YEAR 2021

ANALYTICAL DEVELOPMENTS:

- **Shaping the LC-HRMS Q-Exactive screening analysis of all group B1 antimicrobial residues in meat and milk to a SCREENING& CONFIRMATORY LC-HRMS method** (2021 on-going topic)
- **Collaborative study for evaluation of the state-of-the-art in EU-MS NRLs analytical instrumentation as of their advanced analytical strategies for a Multi-Antimicrobial and other VMP Method using suitable LC-MSMS and/or LC-HRMS instrumentations** (2021 on-going topic)
- **Proposing an LC-HRMS IMS-QTOF screening analysis for all group B1 antimicrobial and some other VMP residues of concern in eggs** (2021 on-going - Covid)
- **Confirmatory LC-MS/MS monitoring of banned VMP substance residues in meat and in casings** (this topic had been postponed to 2021 subsequently to an accepted change of project in the 2019-2020 programme – 201 and on-going project)
- **Confirmatory LC-MS/MS monitoring of fumagillin residues in honey** (2021 on-going - Covid postponed project)
- **Confirmatory LC-MS/MS monitoring of florfenicol and its metabolite residues in meat and aquaculture** (2021 on-going - Covid postponed project)
- **Evaluation of innovative technologies for rapid screening of veterinary antimicrobial residues in Foodstuffs - Electrochemical biosensors** (on-going topic)

ANNUAL WORKSHOP

- **Dedicated to the control of authorised and non-authorised antimicrobial and dye residues in food from animal origin** - (Week 25: 21-23 June 2021 => might be postponed to Week 40: 6-8 October 2021 if to avoid a virtual event in June)

PROFICIENCY TESTS:

- **PT1 - Multi-Screening and Confirmation of Chloramphenicol Residues in Meat and considering the new RPA of 0.15 µg/kg** (March-May 2021)
- **PT2 - Multi-Screening and Confirmation of Group B1 Authorized Antimicrobial Residues in Milk** (October-December 2021)
Or PT2 could be possibly replaced by a collaborative study :
- **CollabTest** - Collab study for LC-MSMS / LC-HRMSMS instruments Multi-Screening/ Confirmation of Group B1-B2 Authorized VMP Residues in Extracts of Milk and Meat (October-December 2021)