



**EUROPEAN UNION REFERENCE LABORATORY
for Antimicrobials and Dyes Residues in Food
(CDR 2022-1644: groups A2a)b)d), A3a)c) and B1a)**

PLEASE NOTE

On your agenda the main activities proposed to the NRLs network
by the EU-RL ANSES-Fougères

EU-RL PROGRAM TO BE COVERED FOR THE YEAR 2024

ANALYTICAL DEVELOPMENTS:

- LC-HRMS screening/identifying methods (Q-Orbitrap & Q-TOF) developed for Group B1a antimicrobial residues and for other Groups B1bcde and B2 (about 200 substances) to be extended to cover Meat, Milk and Eggs (on-going project)
- Follow-up on our collaborative evaluation of the state-of-the-art in EU-MS NRLs analytical instrumentation as of their advanced analytical strategies for implementing Method(s) dedicated to B1a Multi-Antimicrobial and other group B1bcde and B2 VMP using suitable LC-LRMS(MS) and/or LC-HRMS(MS) instruments – Collaborative Round 2 on Fish and Honey extracts scheduled in 2024 (on-going project)
- Confirmatory LC-MS/MS monitoring of group A2 prohibited VMP substance residues in porcine/ovine meat and casings manufactured products as of follow-up of new rules for their entry into the EU (new project 23-24)
- Search for new Marker Residue of the Nitrofurazone intended to replacing the Semicarbazide (new project 23-24)
- Evaluation of sensitivities of ELISA testing kits for residues of groups A2 & A3a prohibited antibiotics at and below their new RPAs according to Reg 2019-1871 (on-going project)
- Electrochemical biosensors for unique or multiplex screening of non-authorized antimicrobial substances (on-going project)

INTERLABORATORY TESTS:

- PT1 - Multi-Screening and Confirmation of Authorised Antibacterial Residues in Fish Muscle (Trim1 - 2024)
 - PT2 - Multi-Screening and Confirmation of Nitrofurans Residues in Casings at RPA of 0.5 µg/kg (Trim3 - 2024)
- and
- COLLABTEST (Round2&3) – On-going Collaborative study for LC-LRMSMS / LC-HRMS(MS) instruments for Multi-Screening / Confirmation of Group B1-B2 Authorized VMP Residues in Extracts of Fish and Honey (Round 2 to be started Trim3 2024) ; of Eggs and Offals (Round 3 scheduled Sem1 2025)

ANNUAL WORKSHOP (News):

- Joint ANSES/BVL/WFSR VMPPR-EURLs Workshop from 21 to 23 May 2024 – on-site event at BVL-Berlin
- The annual workshop dedicated to the control of authorised and non-authorised antimicrobial and dye residues in food from animal origin will be replaced this year by a training session dedicated to LC-HRMS(MS) of VMPPR - (New date : over 2 or 3 days during the Week 40: 1/2/3 October 2024) – on-site event at Anses-Fougères.

COOPERATION WITH OTHER VMPPR CLUSTER EURLs:

- Support and maintenance of the shared VMPPR website portal with facilitated access to the 3 restricted access websites of the “VMPPR” EURLs
- Development of a common EU-RL cluster VMP-database for Mass Spectrometric data
- Development of a common EU-RL cluster VMP-database for collecting VMPPR stability studies
- Development of a common EU-RL cluster VMP-database for collecting EU-RL/EU-NRL VMPPR Analytical Methods
- Advances in harmonisation of PT performance criteria within the “VMPPR” EURLs PT scoring protocol

Link to the EURL website: <http://eurl-veterinaryresidues.anses.fr/>

Link to the shared VMPPR website portal: <http://eurl-residues.eu/>
