



FINAL PROGRAMME

Residues of pharmacologically active substances in food, feed and environment within the One Health concept

3-6 June 2025, Ghent, Belgium

TUESDAY 3 JUNE 2025

13.00 – 17.00 Pre-conference workshop to familiarize colleagues new in the field with main concepts in the scope of TRACES, NH Hotel Ghent Belfort, Hoogpoort 63, 9000 Ghent.

15.00 – 18.00 Registration at the NH Hotel Ghent Belfort, Hoogpoort 63, 9000 Ghent.

18.00 – 19.30 Get together reception at the town hall of Ghent, Botermarkt 1, 9000 Ghent.

WEDNESDAY 4 JUNE 2025

8.00 Registration

8.45 Welcome and opening ceremony

Address by **E. Daeseleire**, **S. Sterk** and **S. Croubels**, Chairs of the Organizing Committee

Address by **J. Relaes**, Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Administrator-General

Address by **B. Loos**, Wageningen Food Safety Research (WFSR), Director

MORNING SESSION: Residues in the environment and antimicrobial resistance

Chairs: G. Hamscher and G. Dervilly

PLENARY LECTURE

9.15 *Circular feeds and reused waters in food production systems: a new frontier for human and veterinary drug residues analysis.*
G. Brambilla, Istituto Superiore di Sanità, Rome, Italy.

ORAL PRESENTATIONS

9.50 *Steroid hormones and coccidiostats in dust samples originating from animal husbandry.*
F. Pauelsen, S. Lehr, P. Steliopoulos and G. Hamscher, Giessen, Germany.

10.10 *Occurrence of anthelmintic drug residues in bovine and ovine manure and slurry from Irish farms.*
V. Virtudes, M. Moloney, M. Di Rocco, D. Bolton, L. Morrison, M.G. Healy and M. Danaher, Dublin, Ireland.

10.30 *Flying swabs: monitoring the presence of veterinary drugs in stables using flies as passive samplers.*
S. Rasker, G.R. Boerrigter-Eenling, L. Le Roux-Pullen, M.H. Blokland and A. Arrizabalaga-Larrañaga, Wageningen, The Netherlands.

POSTER SESSION

10.50 Poster viewing, commercial exhibition and coffee/tea.

PLENARY LECTURE

11.25 *Implementing the One Health approach in the EU to tackle AMR – Concrete actions and examples.*
A. Vander Stappen, European Commission, Brussels, Belgium.

ORAL PRESENTATIONS

- 12.00 *Manure application and marine sediments increase antibiotic residues and drive resistance in aquatic environments.*
L. Tuts, G. Rasschaert, N. Boon, M. Heyndrickx and I. Becue, Merelbeke-Melle, Belgium.
- 12.20 *Impact of pharmaceutical residues in soils.*
E. Jongedijk, G. Roelofs, L. Ramadan, F. Rey, K. Mason-Jones and M. Van de Schans, Wageningen, The Netherlands.
- 12.40 Lunch + poster session/exhibition.
- 13.35 Technical session: **Sciex**

AFTERNOON SESSION: Legislation, validation and monitoring

Chairs: S. Sterk and B. Le Bizec

PLENARY LECTURE

- 14.10 *Changes in European food control – challenges and solutions of the EURL network.*
J. Polzer, EURL, Berlin, Germany.

ORAL PRESENTATIONS

- 14.45 *Lessons learned from twenty years of residues control in food from the perspective of the national reference laboratory.*
P. Jedziniak, Pulawy, Poland.
- 15.05 *Animal wipes: a multi-purpose alternative matrix for antibiotic residue analysis.*
L.J.M. Jansen, M.G. Pikkemaat, M. Rapallini, B.J.A. Berendsen and **M.G.M. Van de Schans**, Wageningen, The Netherlands.
- 15.25 *When cooking process influences the stability of animal health products measured in edible animal tissues – a case study that could set a precedent?*
J. Henrottin, D. Lacroix, L. Pirlot, G. Pierret, A. Henin, N. Bouryal and N. Gillard, Marloie, Belgium.
- 15.45 *Retrospective LC-HRMS analysis: trends of growth promoters and veterinary drugs in bovine urines.*
E. De Lange, M.G.M. Van de Schans, F.E. Van Tricht, E.J. Jongedijk, R.J. Berentsen and M.H. Blokland, Wageningen, The Netherlands.

POSTER SESSION

16.05 Poster viewing, commercial exhibition and coffee/tea.

PLENARY LECTURE

16.40 *Revision of Regulation 2021/808: A laboratory's (not so quiet) journey through the process of revalidating its methods.*
N. Gillard, CER, Marloie, Belgium.

PANEL DISCUSSION

17.15 Panel discussion moderated by **J. Polzer**.
Panel members: to be determined

18.10 End of the first day.

THURSDAY 5 JUNE 2025

MORNING SESSION: Use of HRMS in residue analysis

Chairs: L. Bailly-Chouriberry and A. Gadaj

PLENARY LECTURE

- 8.45 *HRMS-based screening approaches and experiences in pesticide residue analysis.*
H. Mol, Wageningen Food Safety Research, Wageningen, The Netherlands.

ORAL PRESENTATIONS

- 9.20 *Ion mobility, a relevant separation dimension in mass spectrometry, for the detection of prohibited substances in complex biological matrices.*
M. Joly, N.M. Ndiaye, P. Garcia, B. Le Bizec, G. Dervilly and L. Bailly-Chouriberry, Nantes, France.
- 9.40 *LC-HRMS procedure to detect in dried biological matrices residues of growth promoting agents.*
M. Mazzarino, L. Steen, L. De Wilde, K. Roels, K. Deventer and P. Van Eenoo, Ghent, Belgium.
- 10.00 *Development and validation of a multi-residue HRMS method for the screening of antimicrobial veterinary drugs residues in eggs by LC-IMS-QTOF and comparison with Q-Orbitrap technology.*
P. Guichard, M. Gaugain, A. Chailleux, E. Verdon and D. Hurtaud-Pessel, Fougères, France.

POSTER SESSION

- 10.20 Poster viewing, commercial exhibition and coffee/tea.

ORAL PRESENTATIONS

- 10.55 *Multi-screening method for A and B substances in milk with LC-HRMS or LC-MS/MS.*
K. Kittler, F. Tadjine, K. Nieschalke, J. Kopp, M. Fifeik, A. Borzekowski and J. Polzer, Berlin, Germany.
- 11.15 *A comprehensive metabolomics approach for enhanced detection of growth promoting practices in livestock.*
C. Cloteau, L. Marine, J. Boccard, B. Le Bizec and **G. Dervilly**, Nantes, France.

- 11.35 *Advancing steroid analysis: LC-Orbitrap-IRMS for stable isotope ratio measurement?*
M. Blokland, G. Roelofs, J. Jager and S. Sterk, Wageningen, The Netherlands.
- 11.55 *Strengths and weaknesses of reanalyzing by LC-HRMS total diet study samples analyzed ten years ago by LC-MS/MS.*
J. Parinet, A. Rozzoni, Y. Makni, D. Martin, L. Provost and V. Sirot, Maisons-Alfort, France.
- 12.15 Lunch + poster session/exhibition.
- 13.10 Technical session: **Affinnisep**
- 13.20 Technical session: **Bioeasy**
- 13.30 Technical session: **Waters**

AFTERNOON SESSION: Occurrence and fate of residues

Chairs: N. Gillard and E. Verdon

PLENARY LECTURE

- 13.50 *Navigating the complex landscape of plant toxins: regulatory frameworks and scientific advances.*
J. Grzetic-Martens, EURL toxins, Wageningen, The Netherlands.

ORAL PRESENTATIONS

- 14.25 *HRMS-based differential analysis of hen eggs reveals biomarkers distinguishing plant-based and pharmaceutical salicylic acid administration.*
S. Rizzo, S. Vonsovic, S. Thiyagarajan, T. Zuidema and H. Gerritsen, Wageningen, The Netherlands.
- 14.45 *UHPLC-MS/MS detection of brodifacoum in veal and pig tissues: a case study in food safety surveillance.*
D. Reckelbus, M. Cherlet, J. Lambrecht and S. Croubels, Merelbeke, Belgium.
- 15.05 *Research, innovations and perspectives in horse doping control.*
L. Bailly-Chouriberry, Paris, France.

POSTER SESSION

- 15.25 Poster viewing, commercial exhibition and coffee/tea.

ORAL PRESENTATIONS

- 16.00 *Bioaccumulation of amoxicillin in broiler feathers: a comparative study with edible tissues.*
J. Cornejo, P. Cortés, E. Pokrant, B. Pinto, F. Suazo, M. Maturana, A. Flores and A. Maddaleno, Santiago, Chile.
- 16.20 *The role of physiologically based kinetic (PBK) models as a new approach methodology (NAM) for chemical risk assessment in food of animal origin.*
R. Gehring, D. Inauen, A. Joubert, L. Lautz, J. Hendriks, A. Viel, J. Henri, J. Numata, J-L. Mönning and J.L. Dorne, Utrecht, The Netherlands.
- 16.40 *UHPLC-TOS-MS revalidation for antibiotic residue control and surveillance plans.*
M. Leite, F. Ramos and **A. Freitas**, Coimbra, Portugal.
- 17.00 10 oral flash presentations of 3 minutes; chaired by S. Croubels and G. Brambilla.
- 17.45 Group picture in front of the NH Hotel Belfort.
- 19.30 Symposium Diner at the NH Hotel Belfort, Hoogpoort 63, 9000 Ghent.

FRIDAY 6 JUNE 2025

MORNING SESSION: Screening technologies and analytical approaches

Chairs: G. Brambilla and I. Varenina

PLENARY LECTURE

- 9.00 *Screening for antibiotic residues from a historical overview to future perspectives.*
W. Reybroeck, ILVO, Merelbeke-Melle, Belgium.

ORAL PRESENTATIONS

- 9.40 *Evaluation of 5 ELISA kits from different suppliers for the detection of chloramphenicol (CAP) residues in meat and aquaculture products.*
L. Rousseau, C. Hédou, R. Ménager, E. Verdon, C. Soumet and V. Gaudin, Fougères, France.
- 10.00 *Assessing suspect and non-target screening approaches for the monitoring of residues in food: an interlaboratory study.*
S. Mompelat, G. Dervilly, F.J. Diazgaliano, J. Tomasko, Y. Hou, A. Buhot, R. Mathey, E. Botitsi, S. Kontou, T. Kosjek, L. Kozłowska, R. Nijssen, H. Oberacher, S.P. De Filippis, G. Touchais, C. Van Poucke, J.-P. Antignac, M. Lamoree and J. Parinet, Fougères, France.

POSTER SESSION

- 10.20 Poster viewing, commercial exhibition and coffee/tea.

ORAL PRESENTATIONS

- 11.05 *Antiviral drugs in animal-derived matrices: how to move towards official controls ?*
S. Sasse, A. Castiñeira-Landeira, M. Broeren, S.S. Sterk and A. Arrizabalaga-Larrañaga, Wageningen, The Netherlands.
- 11.25 *6-MTU: a reliable biomarker for detecting thiouracil misuse in sheep*
A. Poirier, S. Prevost, N. Dozias, A. Dubourg, G. Dervilly and B. Le Bizec, Nantes, France.
- 11.45 *Target and non-target analysis to identify another metabolite to reveal nitrofurazone illegal treatment.*
K. El Hawari, J.F. Taillandier, M. Danion, T. Morin, G. Lannuzel, P. Guichard, S. Mompelat, T. Leger, M. Laurentie, D. Hurtaud-Pessel and E. Verdon, Fougères, France.

- 12.05 *Impact of veterinary drug and pesticide residues on populations of the European common toad (Bufo Bufo).*
S. Devliegere, S. De Baere, T. Goessens, A. Barbi, E. Blomme, P. Vantieghem, A. Martel, D. Bonte, F. Pasmans, L. Vanhaecke and S. Croubels, Merelbeke, Belgium.
- 12.25 Poster award ceremony by **B. Le Bizec**.
Closing remarks and end of the Symposium by **E. Daeseleire**, **S. Sterk** and **S. Croubels**, Symposium Chairs.