



National Institute for Public Health
and the Environment
Ministry of Health, Welfare and Sport

Work programme EURL-*Salmonella* 2022- 2023 Closure

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Co-funded by the
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Work programme(s)

- › Due to late adoption of the Multiannual Financial Framework (MFF) 2021-2027 by the Council and the European Parliament, grant applications for EURLs work programs could not be submitted before 2021.
- › January 2021: desk officer informally agreed with EURL-*Salmonella* work programme 2021.
- › September 2021: submission of work programme 2021-2022 to EC.
- › April 2022: Grant Decision for EURL-*Salmonella* activities 2021-2022.
- › Submission of work programme 2022-2023 in fall 2022?



Movement of RIVM to new building

- › The National Institute for Public Health and the Environment (RIVM), where *EURL-Salmonella* is situated, is building a new building in Utrecht.
- › Movement is further delayed (due to several reasons, e.g. corona crisis): current planning (May 2022) is summer/fall 2023.
- › Movement may affect some of the activities of the EURL (e.g. necessary to postpone a PT). If so, EC and NRLs will be informed asap.



Work programme template



Template for drafting work programme follows Regulation (EU) 625/2017, Article 94(2) and is subdivided in 4 main activities:

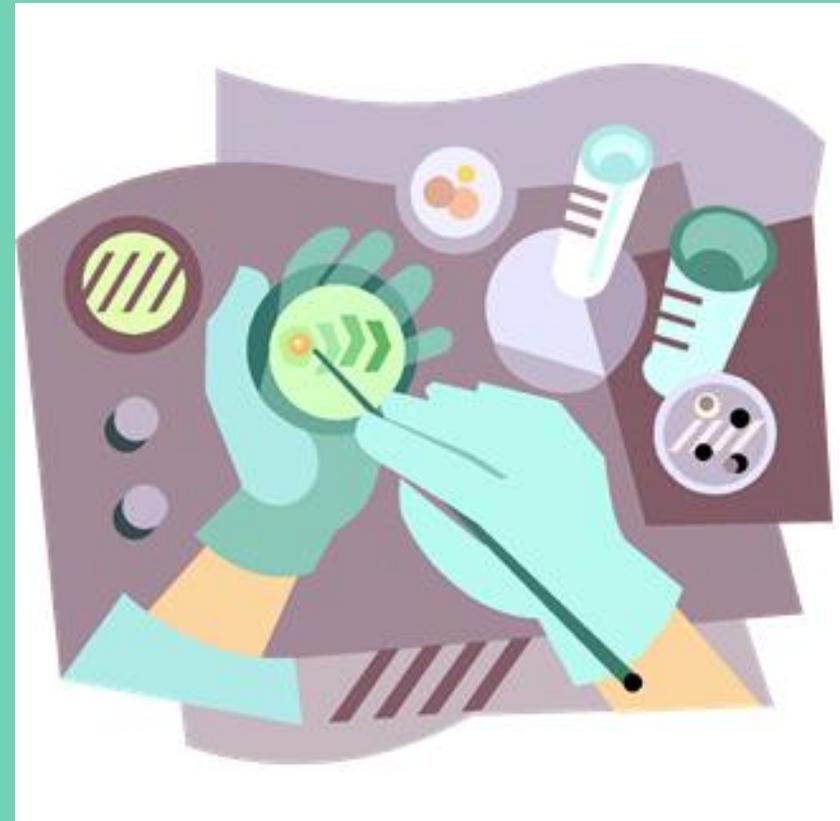
1. To ensure availability and use of high-quality methods and to ensure high quality performance by NRLs;
2. To provide scientific and technical assistance to NRLs;
3. To provide scientific and technical assistance to the European Commission and other organisations;
4. Reagents and reference collections.



Activity 1 – Methods and performance NRLs

Sub-activities:

- 1.1 Analytical methods
- 1.2 EURLs working group NGS
- 1.3 Proficiency Tests and Interlaboratory Study





1.1 Analytical methods - objectives

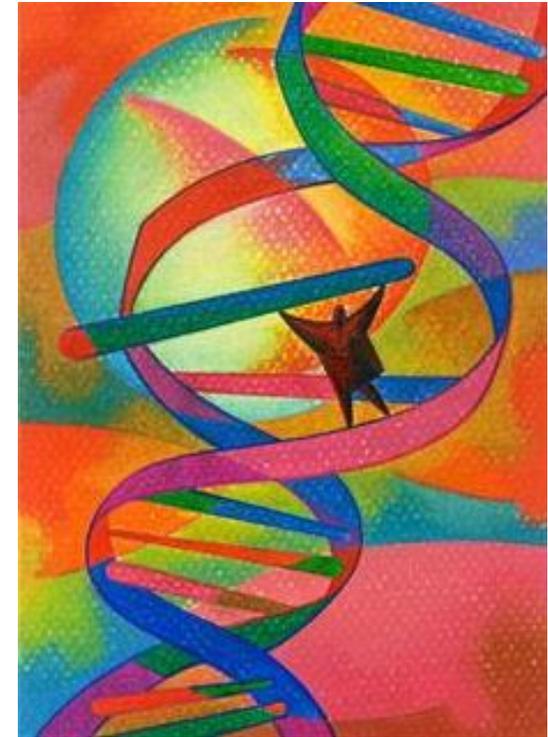
- › Standardisation of methods (ISO and CEN activities).
- › Keep track of developments in (alternative) methods.
- › Provide NRLs with information on developments of relevant (standardised/new) analytical methods.

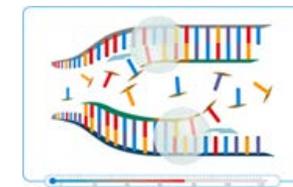




1.2 EURLs working group NGS - objectives

- › Promote the use of NGS across the EURLs' networks.
- › Build capacity on producing and using WGS data within the EU.
- › Ensure liaison with the work of the EURLs and the work of EFSA and ECDC on NGS.





1.2 EURLs working group NGS - description

- › WG exists of 8 biological EURLs, meets 2x/year.
- › For different activities related to NGS, guidance documents are prepared and published at EURL websites.
- › Guidance documents made available at website of the EURL leading the activity. Other EURLs provide a link to the documents published by colleague EURLs.
- › See <https://www.eurlsalmonella.eu/publications/analytical-methods> - Next Generation Sequencing (NGS)
- › First joint EURLs training on NGS organised in 2019; next training organised at EURL-VTEC in Rome, June 2022.



1.3 PTs and ILS - objectives

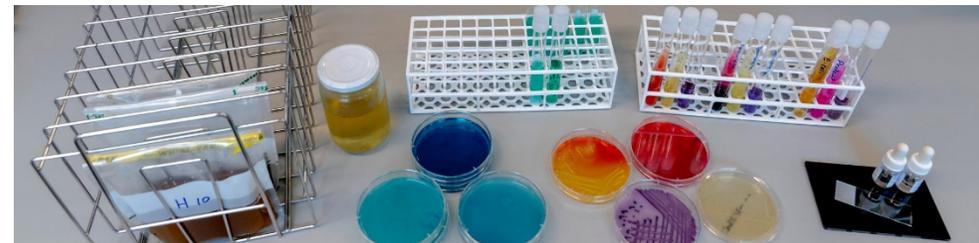
Evaluation of the performance of the NRLs-*Salmonella* for detection and typing of *Salmonella* by means of interlaboratory comparisons (Proficiency Tests). Determination of the performance characteristics of (draft) ISO/TS 6579-4 by organisation of an Interlaboratory Study (ILS).





1.3 PTs and ILS - description

- ILS to determine performance characteristics of ISO/TS 6579-4 (identification monoSTm) organised 16 May – 1 July 2022.
- PT on detection of *Salmonella* in PPS/Food samples (hygiene swabs) organised September - October 2022.
- PT on typing of *Salmonella* (serotyping, molecular typing) organised November 2022.
- PT on detection of *Salmonella* in Food/Feed samples likely to be organised approx. March 2023.





Activity 2 – Assistance to NRLs

Sub-activities:

2.1 Workshop

2.2 Training courses

2.3 Scientific advice and support of NRLs





2.1 Workshop

Preferably to be organised as a physical meeting (when possible), by the end of May 2023.





2.2 Training courses

- › In 2020 and 2021 no (physical) training courses could be organised due to SARS-CoV-2 pandemic.
- › The first physical training is organised in June 2022: Joint EURLs training on NGS, Rome, Italy.
- › Requests from individual NRLs for specific trainings received shortly before the pandemic were postponed. Please contact us if this request still stands and/or if you have a new training request.
- › If possible and if desired, another Joint EURLs training on NGS will be organised in 2023.



2.3 Scientific advice and support of NRLs

- › Provide scientific and technical assistance to the NRLs-*Salmonella* for the relevant work field.
- › Perform confirmatory testing (samples/isolates) for NRLs-*Salmonella* when needed.
- › Perform WGS analysis of isolates of NRLs-*Salmonella* for outbreak investigations.
- › Maintenance of the EURL-*Salmonella* website and updating the information on the website (www.eurlsalmonella.eu).
- › Inform the NRLs of the activities of the EURL and other parties in the relevant work field, as well as of developments in this field.
- › Publication of 4 newsletters per year, through the website.



Activity 3 Assistance to EC

Sub-activity:

3.1 Scientific advice and support of European Commission and other organisations





3.1 Scientific advice and support EC - objectives

- > Provide scientific and technical assistance to EC DG SANTE for the relevant work field.
- > Provide assistance to DG SANTE, EFSA and (NRLs of) Member States in case of (international) *Salmonella* outbreaks. Collaborate with EFSA and ECDC for the relevant work field.
- > Cooperation with other biological EURLs.





3.1 Scientific advice and support EC - description

- > Ad hoc scientific and technical assistance of DG SANTE.
- > Member of the joint EFSA-ECDC Steering Committee for management of the (joint) EFSA-ECDC molecular typing database.
- > Assistance of DG SANTE, EFSA, NRLs and ECDC in case of outbreaks, e.g. consultation of NRL network for specific information, (sub)typing of suspect isolates (WGS), analysis of data. In 2021 involved (to a certain extent) in 7 events/outbreak investigations.





Activity 4 Reagents and reference collections

Sub-activity:

4.1 Reference strains and reference materials





4.1 Reference strains and reference materials

Objectives:

- Supply information on available culture collections and suppliers of microbiological reference materials. Setting up a reference collection of WGS data.

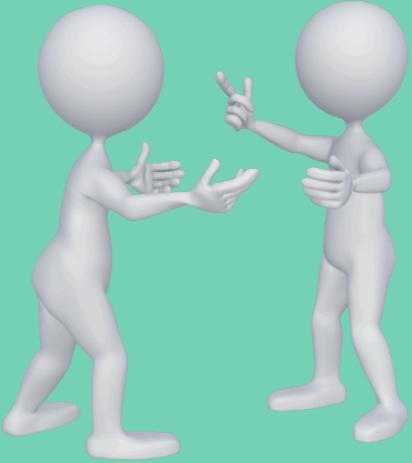
Description:

- Reference to culture collections and reference materials at website.
- Maintenance in-house culture collection. Use in PTs; testing, validation, verification of methods; provided to NRLs for specific tests.
- Provide sets of reference strains (SE and STm) for MLVA typing.
- Publication of reference collection of genomes obtained from PTs:
<https://www.eurlsalmonella.eu/documenten/del2refcollectionfinal210129>
- Link to WKLM scheme at website, keep contact with WHO ref centre.
<https://www.eurlsalmonella.eu/publications/analytical-methods> - Serotyping





Questions?
Remarks?
Other items?

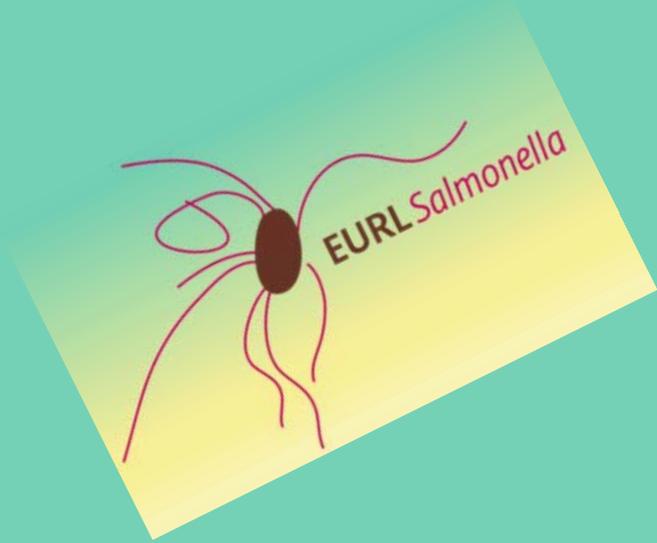




Closure

- › After closure we will send a link to an **evaluation form**. Thank you for completing the form by **10 June 2022 at the latest** (info is anonymous)!
- › We plan to publish the **presentations**, in pdf format, on the EURL-*Salmonella* website in the coming week(s). If not allowed, or if amendment is needed before publication, please inform us by e-mail (EURLSalmonella@rivm.nl) asap.
- › For the ones who gave a presentation(s): please send **abstract(s)** as soon as possible (if not already done), **by 10 June 2022 at the latest**.





Thank you all!

- › European commission
- › Speakers
- › Participants
- › EURL-*Salmonella* staff

