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## The PANDOMIC Journey

**PANDOMIC approaches its conclusion** after almost **30 months of collaboration** between Luxembourg and Romania. In this final newsletter, we highlight our key achievements, recent activities, and upcoming events, while also looking ahead to how these outcomes will continue to support future pandemic preparedness efforts.

## KEY ACHIEVEMENTS



Laboratoire national de  
santé (LNS)

- Implementation of RSV sequencing workflow and integration into national and international surveillance systems
- Improved AMR surveillance for foodborne pathogens by targeting mobile genetic elements (plasmids)
- Long-read sequencing analysis of several bacteria species in a One Health setting
- Improved data management system and LIMS system
- Strengthened collaboration with national stakeholders



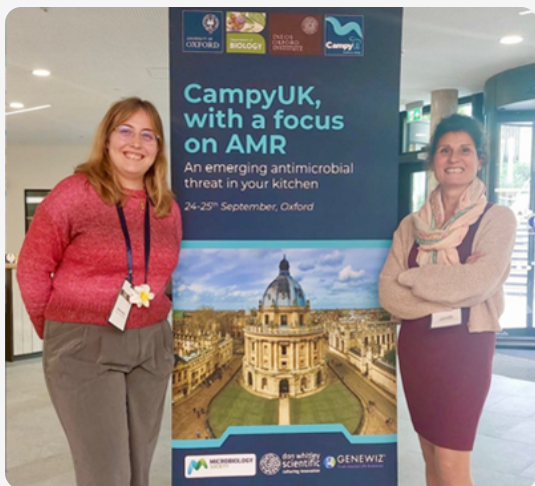
Institutul Național de  
Sănătate Publică (INSP)



Institutul Național de  
Cercetare-Dezvoltare  
Medico-Militară  
Cantacuzino (IC)

- Application of long-read sequencing technologies
- Integration of genomic sequencing data into national surveillance systems
- Implementation of molecular typing methods
- Establishment of a national bioinformatics hub
- Engagement with national stakeholders

## Sept/Oct 2025 - RECENT EVENTS



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## PANDOMIC at CampyUK 2025: Best Poster Award for AMR Research

The PANDOMIC project was represented at CampyUK 2025, where its research on plasmid carriage and antimicrobial resistance genes in *Campylobacter* species received the Best Poster Prize. This recognition underscores PANDOMIC's contribution to advancing genomic surveillance and strengthening One Health strategies for tackling antimicrobial resistance across Europe.

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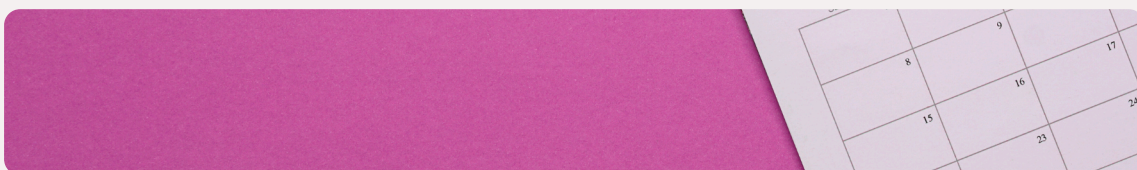
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## PANDOMIC Advances Genomic Surveillance at Romanian National Conference

PANDOMIC participated in the 16th National Conference of the Romanian Association of Laboratory Medicine and the 32nd Meeting of the Federation of Balkan Clinical Laboratories. It showcased how genomic analysis of *Salmonella Enteritidis* supports One Health surveillance and helps strengthen national capacities for reliable antimicrobial resistance detection.

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# Nov 2025 - UPCOMING EVENTS



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Stay tuned for the two key moments in the PANDOMIC journey!

- **PANDOMIC RSV Workshop** - taking place on the **19th of November 2025** at the **Laboratoire national de santé (LNS), Luxembourg**.
- **PANDOMIC Final Consortium Meeting** - on the **26th and 27th of November 2025** at the **Palace of the National Military Circle, Bucharest, Romania**.

Both events will gather partners and experts to exchange knowledge, share outcomes, and shape the next steps for genomic preparedness in Europe.

# LOOKING FORWARD

As **PANDOMIC** enters the final months, we **thank all partners for their collaboration and commitment**. The project has **strengthened genomic surveillance and preparedness across Europe**. We look forward to the upcoming events in November as moments to reflect on progress and plan next steps. The consortium will continue **to foster collaboration, maintain capacities, and build on results to support future public health resilience**.



Contact the PANDOMIC team for any questions related to the project or its activities at the following address:  
[info@pandomic.eu](mailto:info@pandomic.eu)



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Let's connect!



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