

The Petri Dish

Welcome

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Welcome

Welcome to the September edition of the Fleming Initiative Alumni Network Petri Dish – bringing together the latest news, research, opportunities and activities from across our growing antimicrobial resistance (AMR) community.

This month marks an exciting point in the development of our network as we continue to build opportunities for connection, collaboration and shared learning in the AMR landscape. In this month's seminar, Rod Card bought this to the network's attention by highlighting the work the **Animal Plant & Health Agency (APHA)** are doing within AMR and the collaborations they are working with to combat this global threat. Recording of the session is included in the below.

September also saw the 9th **World One Health Congress** taking place in Lisbon, Portugal from 4–7 September. The Congress brought together the global One Health community, with dedicated sessions covering AMR, science-policy interfaces, financing, capacity development and translating One Health approaches into national action. You can read more about the congress [here](#).

In light of **World Antimicrobial Awareness Week (WAAW)** taking place 18–24 November this year, we wanted to take this time to remind you that we would love to hear your events, plans or ideas for WAAW! Please send them to fellowship@fleminginitiative.org or if you have any questions that you may need support with.

We hope you enjoy this month's AMR Petri Dish and, as always, welcome your contributions, ideas and opportunities to collaborate.

Best wishes,

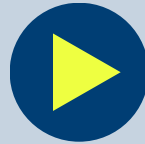
Kerri Hill-Cawthorne
Senior Programme Manager
Fleming Initiative



Past and future events

Engagement recap

September Seminar: An introduction to the Animal and Plant Health Agency and its work on AMR with Roderick Card



Upcoming events – register now!

October Seminar: World AMR Awareness Week, public communication and engagement with Chris Deputy and Mikayla Hu (22 Oct, 8.00 am BST)



Network highlights

We are looking for some **photographs** across the Network for our future communications, promotional materials and presentations. **Feel free to email us any images** you are happy for us to use! Examples:



World AMR Awareness Week 2026

World AMR Awareness Week (WAAW) – 18 to 24 November – is a global campaign to raise awareness and increase understanding of AMR and to promote global action to tackle the emergence and spread of drug-resistant infections.

WAAW 2026 will campaign around “**One Health, one action: Prevent AMR now**”. Our world is more connected than ever. The medicines that save lives, the food we produce, the economies we depend on, and the health of our environment are all connected. When drug-resistant pathogens emerge and spread, they impact our health, animal health, food security, economies, and sustainable development. Their emergence and spread are also influenced by the health of our environment. AMR is no longer a future challenge; it is a global threat. Read more [here](#).

Let us know your plans for this WAAW!

WAAW Event from the Network

The Peter Doherty Institute for Infection and Immunity, RMH Guidance Group and the Doherty AMR Theme will host a hybrid, full-day symposium under the theme “**Bridging lab, data and patients: digital approaches to AMS & AMR**” on **Friday 20 November 2026 in Melbourne**.

The programme spans genomics, diagnostic stewardship and AMS across hospital, aged care, primary care, dental and veterinary settings, and closes with a debate on AI in AMS and AMR. Online attendance is available. [Registration](#).



Celebrating our community with the world

2026 has been a big year for us, with the launch of the Fleming Initiative Alumni Network – our first step towards building a strong global community of multidisciplinary, multi-sector and multi-professional people committed to tackling AMR through collaboration, innovation and coordinated action.

This WAAW, we want to help more people, understand the value of staying connected beyond a fellowship and how shared learning and collaboration can strengthen AMR responses around the world. We want to collate **the work our members have been doing** and celebrating **this growing community of dedicated AMR professionals** with a wider audience across Fleming Initiative and our partners' channels. And we would love to include and amplify **your voices, your stories, your inspiring careers** in the field.

Please [email us](#) if you would like to participate.

Highlighting the role of diagnostics in the One Health x AMR discussion

The **FAO Global Conference for Actions on One Health** in Agrifood Systems took place last week in Rome.

Agrifood systems are complex socio-ecological systems shaped by interactions among plants, animals, microorganisms, people and the environments they share. From a One Health perspective, the health of soils, water, ecosystems, plants, animals and humans is deeply interconnected.

In a panel focusing on antimicrobial use in agrifood systems, Dr Jesus Rodriguez Manzano highlighted that faster, more affordable and accessible diagnostics are essential for helping farmers, veterinarians and other professionals make better-informed decisions about antimicrobial use, while enabling earlier detection of resistance. [More](#) from the conference.



Resources and opportunities

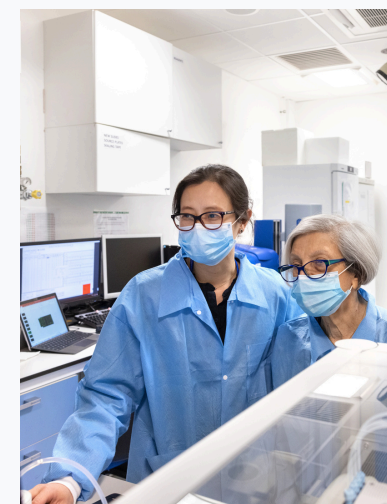
CARB-X Announces 2nd Application Intake for 2026 Funding Round

The [CARB-X 2026 funding round](#) includes four distinct product themes: direct-acting therapeutics for infections caused by Gram-negative bacteria, target-based therapeutics for the CARB-X Novel Chemistry for AMR Challenge, non-vaccine approaches to prevent neonatal sepsis, and diagnostics for neonatal sepsis.

Applicants from around the globe are encouraged to apply, especially from areas where the burden of antibiotic resistance is high. Academic centres and non-commercial developers are also encouraged, if they can demonstrate similar capabilities expected of a drug development industry partner.

Expressions of Interest for the second cycle of the 2026 funding round will be accepted from November 10–23, 2026.

Target Product Profiles and minimal entry criteria for all funding themes are available on [CARB-X.org](#). Make sure to read the [Frequently Asked Questions](#) and the [informational slides](#) prior to submitting your application, and email carbxtpl@bu.edu if you have any questions.





New antimicrobial stewardship training module launched

Researchers at PGIMER, Chandigarh have contributed to the DMgtAsia programme, an initiative funded by the Norwegian Directorate for Higher Education and Skills that aims to strengthen public health informatics capacity across Asia.

As part of the programme, the team helped develop a new Systems Approach for Antimicrobial Stewardship training module, designed to equip healthcare professionals and postgraduate students with the knowledge and practical skills needed to tackle AMR. The course uses systems thinking to explore the complex factors influencing antimicrobial use and stewardship, while highlighting the role of data in shaping effective policies and interventions.

More about the programme and its training opportunities at: dmgtasia.org



Japan and WHO support Western Pacific countries to strengthen clinical diagnostic stewardship and antimicrobial stewardship

With the threat of AMR mounting globally and regionally, the World Health Organization (WHO) and the Government of Japan convened seven countries in the WHO Western Pacific Region to share their crucial experiences on strengthening the fight against AMR. The three-day workshop in Tokyo brought together senior health officials to specifically discuss how to enhance antimicrobial stewardship and clinical diagnostic stewardship as key tools in the public health arsenal to tackle and mitigate AMR. More about the workshop [here](#).

New publications

- [The future of antimicrobial use in livestock](#)
- [Retrospective analysis of clinical and environmental genotyping reveals persistence of *Pseudomonas aeruginosa* in the water infrastructure of a large tertiary children's hospital in England](#)
- [Drug stock-outs in HIV, tuberculosis, and malaria programs: a systematic review](#)
- [UKHSA releases new bacteria collections to support fight against antimicrobial resistance](#)
- [UKHSA releases engagement guide for infection and antimicrobial resistance \(AMR\)](#)
- [Better infectious disease diagnostics is crucial to tackling antimicrobial resistance](#)
- [Fit for the future: from siloed to integrated public health systems](#)
- [Understanding veterinarians' antibiotic choices and eliciting acceptable non-inferiority margins for randomized trials: a multi-country study](#)
- [Global epidemiology of carbapenem-resistant *Pseudomonas aeruginosa*](#)
- [Infection prevention and control strategies for multidrug-resistant Gram-negative bacteria in healthcare: a narrative review](#)



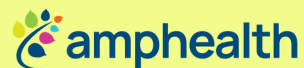
Conferences

- World Health Summit (11-13 October, Berlin, Germany)
- International Congress for Infectious Diseases (ICID) (10-13 November, Madrid, Spain)
- The Federation of Infection Societies (FIS) (24-26 November, Glasgow, Scotland)
- Congress of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) (9-13 April, Stockholm, Sweden):
Abstract submissions 7 October-18 November;
Registration opens 28th October

“

Collaboration, coordination and communication across the public health community are essential; supporting a digital dialogue with citizens and communities is key.

Tip on leadership
presented by



Dr Hans Henri P. Kluge, WHO
Regional Director for Europe (2020)

Thank you!

We would love to hear more from fellows and mentors and include you in The Petri Dish, so if you have any encouraging or interesting stories, thoughts, or learnings related to AMR, please do share them with us via fellowship@fleminginitiative.org

Your experiences and insights are invaluable!