Antibiotic Resistance Is Not Theoretical: It's Here and Getting Worse

PEW Charitable Trusts

Antibiotic resistance is real. Read PEW's interview with Dr. Manica Balasegaram to learn more about GARDP's work and the antibiotic development challenges developers face in order to combat the drug resistant to antibiotics.

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The EU must hold pharma polluters to account to curb growing threat of antibiotic resistance

HealthCare Without Harm

As the European leaders to tackle pharmeceutical pollution from plants producing most of the EU's medicines, in particular so-called generic drugs, because of effects on AMR, nine health and environmental organisations call for stronger EU action.

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European Parliament resolution on pharmaceutical pollution in the environment

MEPs vote on how to tackle pharmaceutical pollution as one of the measures to address AMR.

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One Health Global Leaders Group on Antimicrobial Resistance

World Health Organization

The UN Secretary-General has requested the Tripartite Organizations (FAO, OIE and WHO) to establish a 'One Health' Global Leaders Group on Antimicrobial Resistance (Global Leaders Group) to ensure that action is taken to address the AMR challenge.

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Record number of countries contribute data revealing disturbing rates of antimicrobial resistance

World Health Organization

A record number of countries are now monitoring and reporting on antibiotic resistance - marking a major step forward in the global fight against drug resistance. But the data they provide reveals that a worrying number of bacterial infections are increasingly resistant to the medicines at hand to treat them.

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Infographic: AMR and COVID-19

World Health Organization European Region

A new infographic on the correct use of antibiotics during COVID19.

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Surface Water Watch List

European Commission

The Commission adds two antibiotics to its revised Watch List of potential water pollutants that should be carefully monitored by EU Member States.

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Europe’s COVID-19 response points the way to fighting AMR

EFPIA

There is a need for long-term thinking to face the challenge of AMR. More active public support and a mix of incentives could attract innovative SMEs in developing new medicines in Europe.

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Tackling antimicrobial resistance in the COVID-19 pandemic

World Health Organization

WHO suggests 5 measures to integrate the activities that aim to optimize antimicrobial use into the pandemic response, designed to contribute to stop the emergence of incurable infectious diseases.

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AMR Action Fund

https://crm.epha.org/civicrm/mailing/view?id=223
Industry coalition launches a US$1bn AMR Action Fund to develop 2-4 new antibiotics by 2030

European & International Media

'Superbugs' a far greater risk than COVID in Pacific, scientist warns

The Guardian

According to Dr Paul De Barro, the potential impact of AMR is far greater than COVID-19, particularly for the Pacific regions. "The longer the AMR issue remains unaddressed, the greater the cost in money and human lives".

Hand gel mass use could create new superbugs, scientist warns

The Independent

Sanitising gel does not necessarily kill the virus that causes Covid-19 on skin, scientist warns. Excessive use could create multi disinfectant-resistant bacteria. Washing hands with soap and water is better protection against infections.

Doctors Heavily Overprescribed Antibiotics Early in the Pandemic

New York Times

Now they are using lessons from the experience to urge action on the growing problem of drug-resistant infections before it's too late.

Has Big Pharma Finally Stepped Up?

Project Syndicate

Lord Jim O'Neill writes about new investments by IFPMA in the new AMR Action Fund, to support the development of new antibiotics. Will this new initiative will be a game changer in the fight against antimicrobial resistance, and who will complete the work that some pharmaceutical companies starts.

National Media
Eco-sustainable sanitation that fights antibiotic resistance

La Repubblica

The PCHS (Probiotic Cleaning Hygiene System), a solution conceived by the Copma company, specialized in the field of sanitation, aims to reduce the rates of antimicrobial resistance, while ensuring a savings for the health system.

Poor home hygiene promotes antibiotic resistance, warn global hygiene experts

Le Lezard

According to public health experts at the Global Hygiene Council (GHC), the growing threat of antibiotic resistance can be reduced by taking a healthy habitat risk-analysis approach.

Belgian researchers find out how to trap super-resistant bacteria

Le Soir

A breakthrough paves the way for the development of new antibiotics to treat infections such as E. coli or salmonella.

Research & Scientific Studies

Hygiene is essential to help prevent the spread of infections

Reckitt Benckiser

New position paper outlines the importance of hygiene practices and behaviours in order to reduce the risk of common infections.

Marked reductions in outpatient antibiotic prescriptions for children and adolescents – a population-based study covering 83% of the paediatric population, Germany, 2010 to 2018

EuroSurveillance

Study of trends in antibiotic prescribing in German children discovered marked reductions during the last decade indicating a change towards more judicious paediatric prescribing habits.
How Managing Data Effectively Helps Fight Antimicrobial Resistance

LabioTech

The development of new antibiotics crucial. Collecting and managing drug discovery data is tough, and it requires many small biotechs to rethink how they share and manage their data for antimicrobial development.

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Widespread transfer of mobile antibiotic resistance genes within individual gut microbiomes revealed through bacterial Hi-C

Nature

The gut microbiome harbors a ‘silent reservoir’ of antibiotic resistance (AR) genes that is thought to contribute to the emergence of multidrug-resistant pathogens through horizontal gene transfer (HGT). This study looks at which organisms harbor mobile AR genes and which organisms engage in HGT.

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