

Openly accessible resources for the global antimicrobial R&D community

Guest speakers: Eva Garmendia, David Jenkins & Astrid Pentz-Murr
Moderator: Katie Prosen
Host: Victor Kouassi (GARDP)

10 June 2021



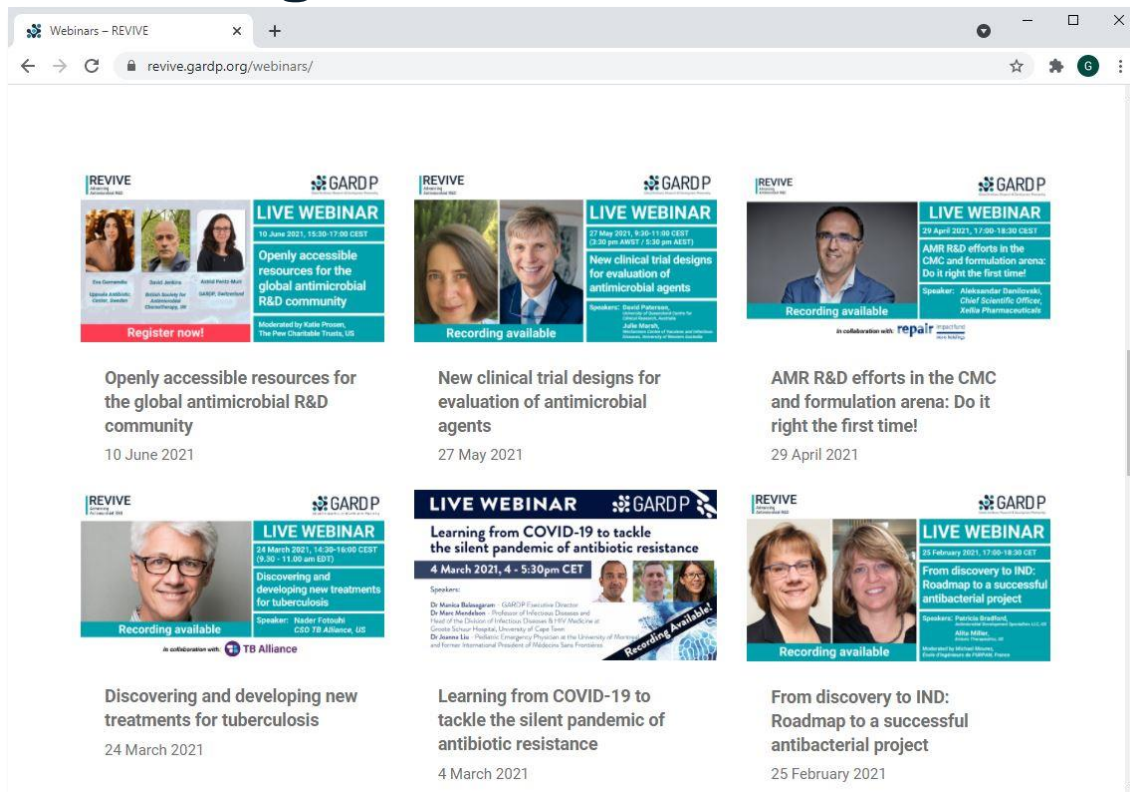
REVIVE

An online space to connect and support the antimicrobial discovery, research, and development community

THREE AIMS OF REVIVE:



Webinar recordings



The screenshot shows a web browser window with the address bar displaying "revive.gardp.org/webinars/". The page features a grid of six webinar cards, each with a header image, title, date, and description. The cards are arranged in two rows of three. The first row includes webinars on antimicrobial R&D resources, clinical trial designs, and AMR R&D efforts. The second row includes webinars on tuberculosis treatments, learning from COVID-19, and a roadmap to a successful antibacterial project. Each card also includes a "Recording available" status and a "Register now!" button.

Webinar Title	Date	Status
Openly accessible resources for the global antimicrobial R&D community	10 June 2021	Register now!
New clinical trial designs for evaluation of antimicrobial agents	27 May 2021	Recording available
AMR R&D efforts in the CMC and formulation arena: Do it right the first time!	29 April 2021	Recording available
Discovering and developing new treatments for tuberculosis	24 March 2021	Recording available
Learning from COVID-19 to tackle the silent pandemic of antibiotic resistance	4 March 2021	Recording Available!
From discovery to IND: Roadmap to a successful antibacterial project	25 February 2021	Recording available

revive.gardp.org/webinars

Today's speakers

Openly accessible resources for the global antimicrobial R&D community



Eva Garmendia
Coordinator
Uppsala Antibiotic Center (Sweden)



David Jenkins
Consultant Medical Microbiologist and President of the British Society for Antimicrobial Chemotherapy
University Hospitals of Leicester NHS Trust (UK)



Astrid Pentz-Murr
Scientific Affairs Manager
Global Antibiotic Research & Development Partnership (Switzerland)



Moderator:
Katie Prosen
Senior Associate
The Pew Charitable Trusts (US)

GARDP Revive Webinar: Openly Accessible Resources for the Global Antimicrobial R&D Community

10-June-2021

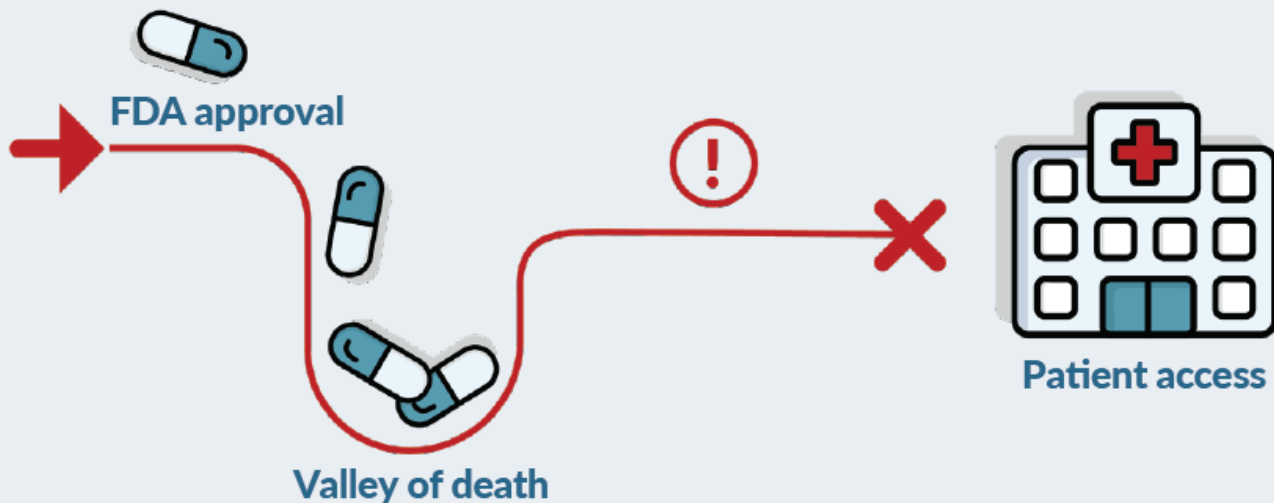


THE PEW CHARITABLE TRUSTS

pewtrusts.org

Market Challenges Jeopardize Antibiotic Access

It takes **10-15 years** and **\$1.3 billion** to develop an antibiotic.

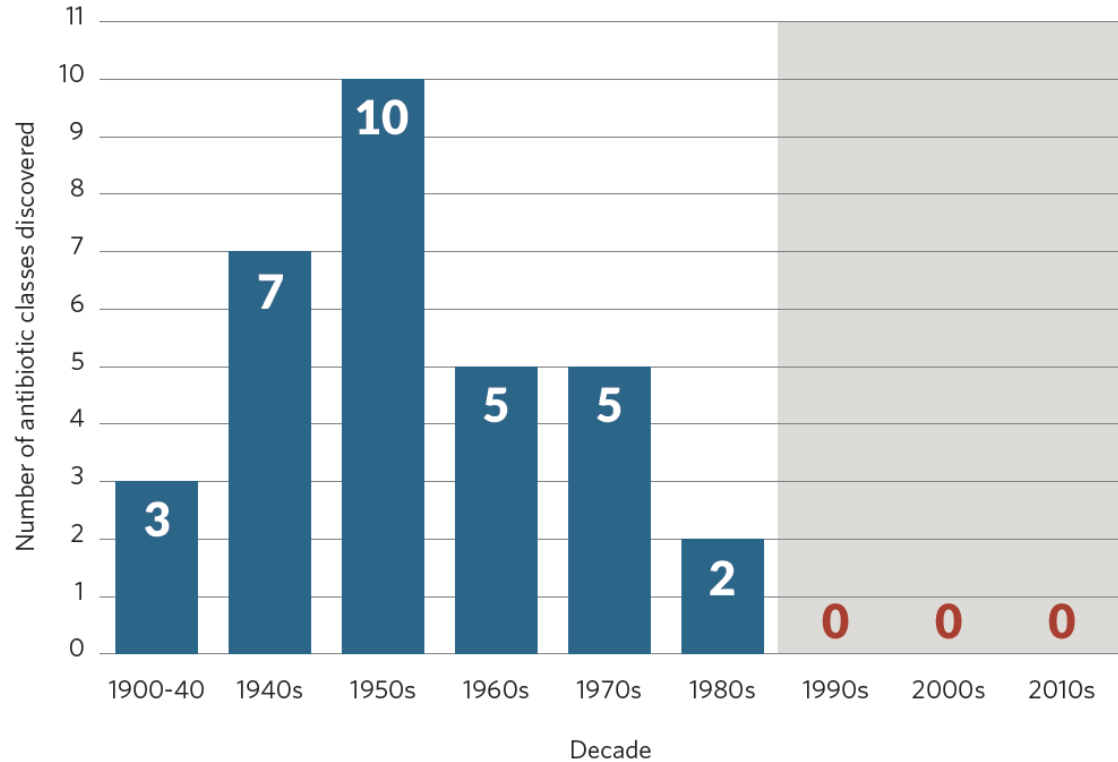


Challenges at
commercialization/once
new antibiotic is approved



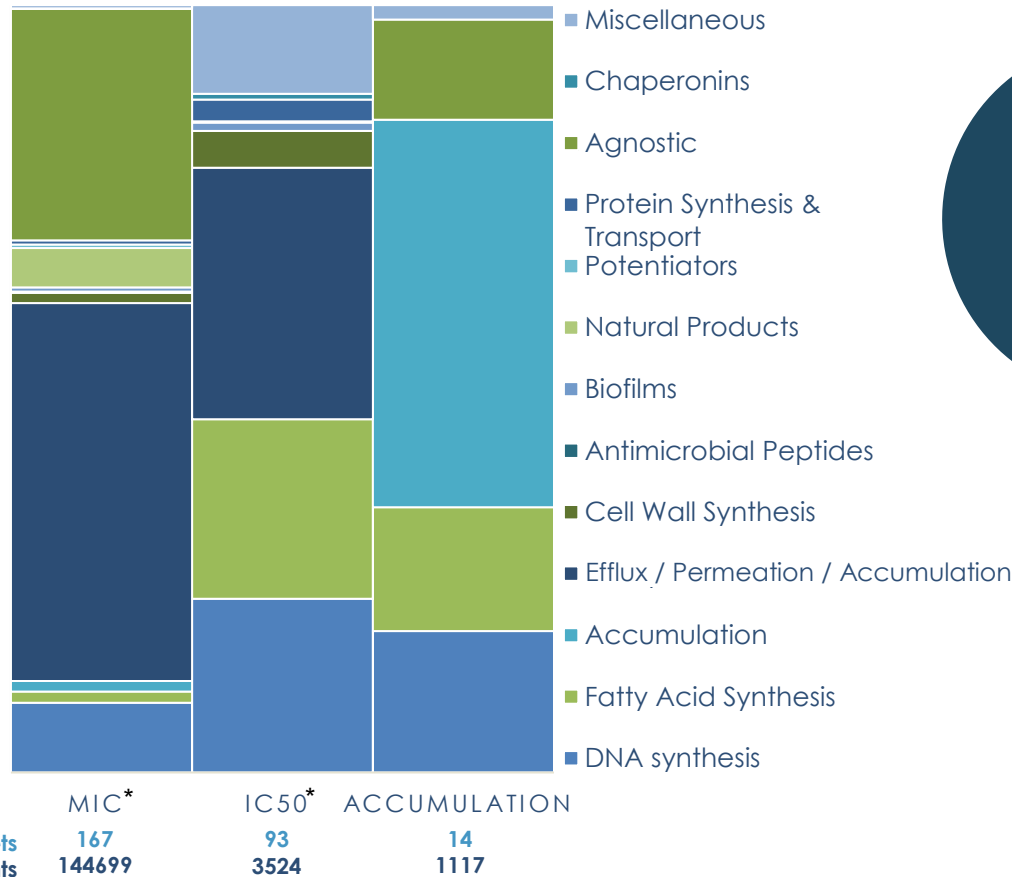
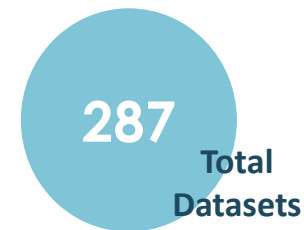
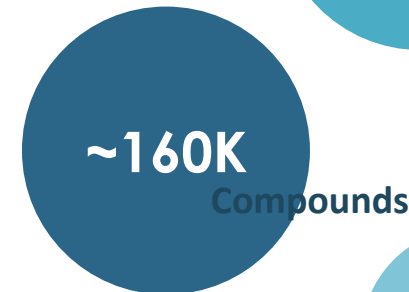
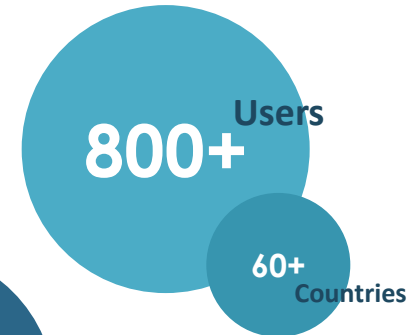
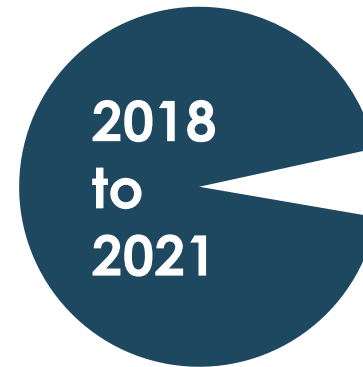
Market failure

Every FDA-approved antibiotic in use today is based on a scientific discovery from 1984 or earlier



<https://www.pewtrusts.org/en/research-and-analysis/data-visualizations/2020/antibiotic-resistant-bacteria-is-a-growing-threat>

SPARK



KNOWLEDGE

[JPIAMR Knowledge Hub](#)

[JPIAMR-VRI](#)

[TGHN Knowledge Hub](#)

[IKEEP](#)

[CARB-X](#)

[The Perfect Storm](#)

[AMR Solutions](#)

[Global AMR R&D Hub](#)

[WHO Preclinical Pipeline](#)

[Pew Clinical Pipeline](#)

DATA & ANALYSIS

[SPARK](#)

[Antimicrobial Index](#)

[Reframe db](#)

[CO-ADD db](#)

[AntibioticDB](#)

[CARD Ontology](#)

[AMRFinderPlus](#)

[eNTRYway](#)

[ChemProp](#)

[OpenSourceAntibiotics](#)

SURVEILLANCE

[AMR Research Initiative](#)

[EMBARK](#)

[Resistance Map](#)

[HealthMap](#)
[ResistanceOpen](#)

SERVICES & MATERIALS

[CO-ADD](#)

Send your compounds for screening

[CC4CARB](#)

Request compound synthesis or library access

[MMV Pathogen Box](#)

Receive compounds to screen



THE AMR STUDIO

a multidisciplinary podcast on
antimicrobial resistance



GARDP Webinar – 10th June 2021

A LITTLE BIT ABOUT ME



science

coordination

communication

PARTS

01

THE CENTER

What a multidisciplinary
center has to offer

02

THE PODCAST

Stories and science one
episode at a time

03

OUR MISSION

Hopes for the future



01

THE CENTER

What a multidisciplinary center
has to offer

AMR IS A (VERY) COMPLEX ISSUE

NATURAL SCIENCES & TECHNOLOGY

New knowledge &
innovation

HISTORY

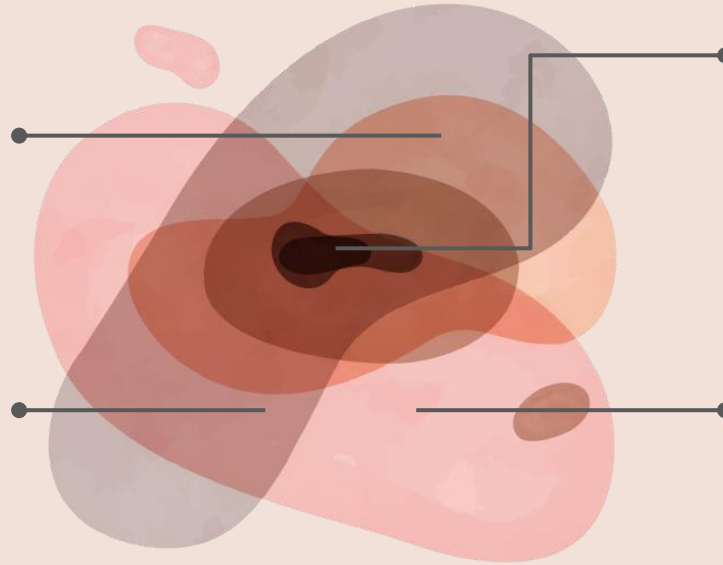
the lessons learned

POLICY

How do we govern to
live in a sustainable
situation

SOCIAL SCIENCES

Our behaviour is
ultimately at play



The Uppsala Antibiotic Center

The UAC was funded by Uppsala University in 2016 with a main goal

Help build a new generation of professionals with a unique perspective on the resistance problem and its possible sustainable solutions

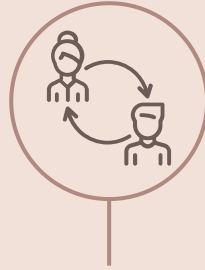


MAIN UAC ACTIVITIES



SEMINARS

Research presentations
for a mixed-background
audience



WORKSHOPS

One day activity
focused in teamwork
and discussions



SYMPOSIA

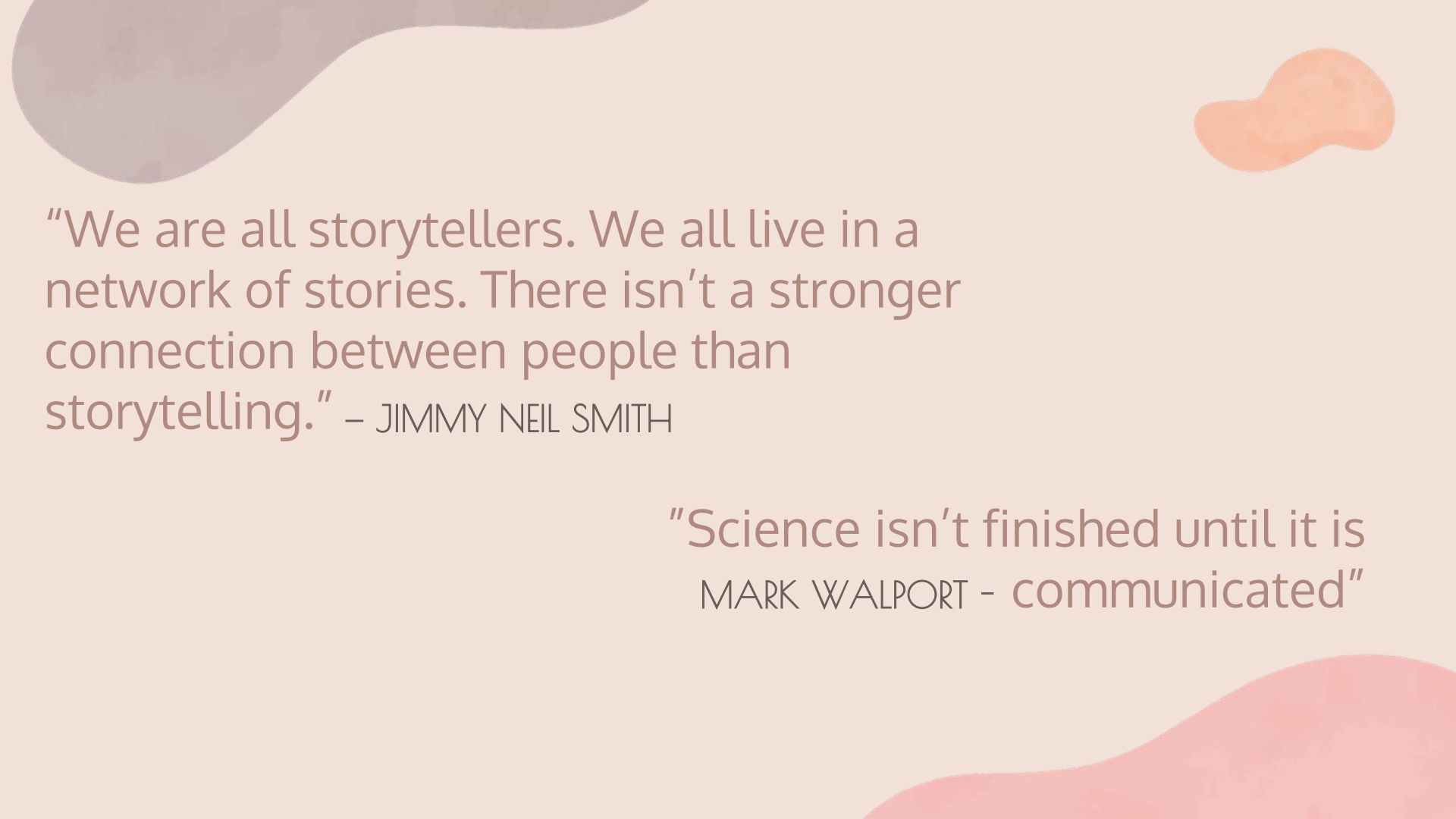
Bringing together
academia, industry and
the health sector



O2

THE PODCAST

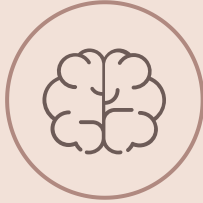
Stories and science one episode
at a time



"We are all storytellers. We all live in a network of stories. There isn't a stronger connection between people than storytelling." – JIMMY NEIL SMITH

"Science isn't finished until it is
MARK WALPORT - communicated"

CONTENT



INTERVIEWS

Personal stories from great professionals working on the AMR sphere



RESEARCH AND NEWS

Latest research and updates of the AMR world

THE VOICES AT THE STUDIO



Eva Garmendia



Jennifer Jagdmann



36

episodes

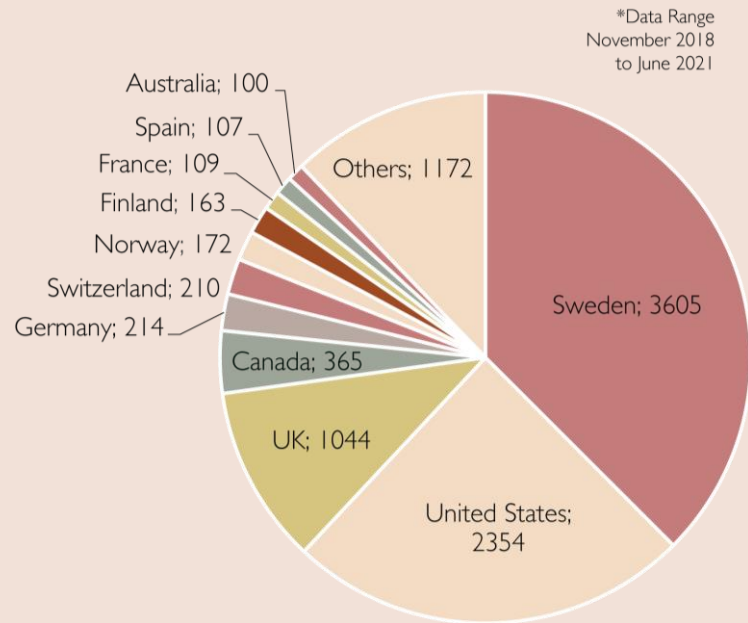
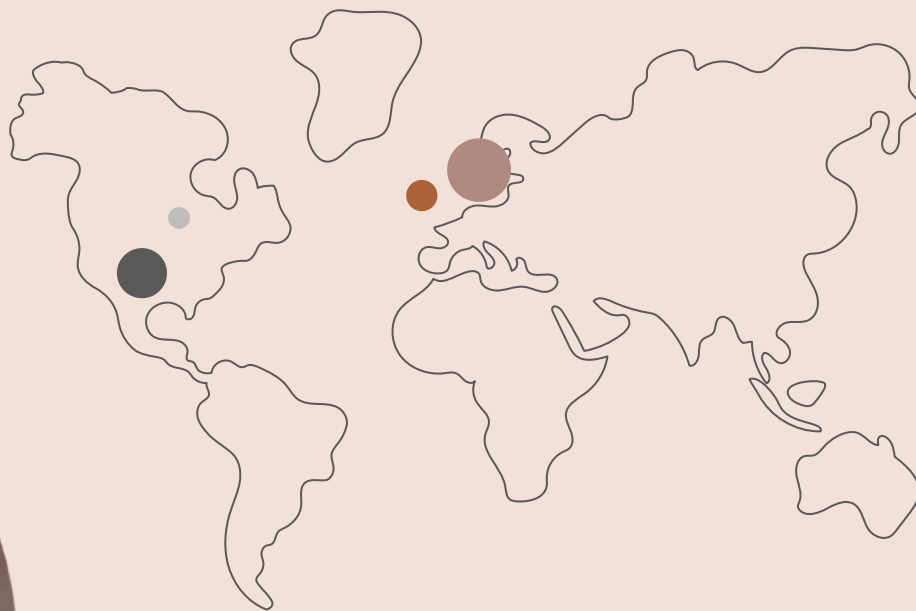
9,615

plays

>50

countries

DISTRIBUTION OF PLAYS



OUR AUDIENCE

STUDENTS



Highschool &
university

NEW TO
AMR



Changing fields
& careers

RESEARCHERS



Wanting to
expand their
knowledge &
get inspired

HEALTH
PROFESSIONALS



Looking to
learn more
about AMR

John Rex
MD & advisor



Ursula Theuretzbacher
CEFAIA's founder



Kevin Outtersen
CARB-X director



Catherine Will
Sociologist



Fredrik Almqvist
Chemist



Chantal Morel
Economist



Christian Munthe
Philosopher



Anne Kveim Lie
Historian





O3

OUR MISSION


Hopes for the future



INSPIRATION



MOTIVATION



COLLABORATION



SHARING



UPPSALA
UNIVERSITET



THANKS

eva.garmendia@uac.uu.se

www.uac.uu.se



bit.ly/UACnewsletter

AMR resources for all: open access education, training and research from BSAC

Dr David R Jenkins

President, British Society for Antimicrobial
Chemotherapy,

Consultant Medical Microbiologist, University Hospitals
of Leicester NHS Trust,

Honorary Associate Professor, University of Leicester

david.jenkins@uhl-tr.nhs.uk

@DafyddSiencyns



www.bsac.org.uk



@BSACandJAC

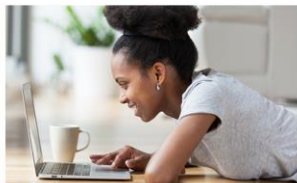
Introduction to the British Society for Antimicrobial Chemotherapy - BSAC

Founded in 1971

3000 members in 135 countries around the world

A British society with a global outlook

What we do



Education

Education saves lives. Our range of free online courses will change the way you see superbugs.



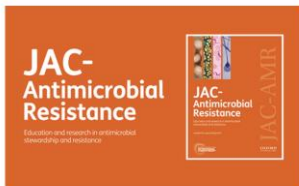
Events

Bringing people together is what we do best. Join the global conversation at our latest events.



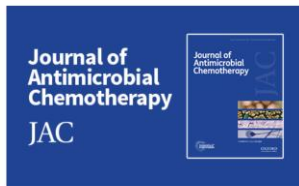
Political Engagements

Advocating political solutions to the problem of antimicrobial resistance



JAC-AMR

Our industry leading journals exploring the complex issues surrounding infection.



JAC

Our industry leading journals exploring the complex issues surrounding infection.



Stop Superbugs

Find out more about how you can get involved in our international campaign to Stop Superbugs



BSAC - a global educator

- Education is a powerful tool to counter the threat from antimicrobial resistance
- BSAC courses explore antimicrobial resistance from every angle
- The courses help join the dots between scientific research, practising clinicians and the public



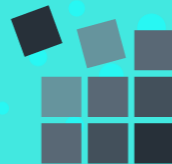
The beginning of open access -e-Learning

2017 – Partnership agreements with



**University
of Dundee**

Launch of the MOOC on Antimicrobial Stewardship



**ANTIMICROBIAL
STEWARDSHIP
MOOC**

4 years on



Over 30 open access courses

Courses include: Prevention, Diagnostics, Treatment and One Health

Online Courses / Healthcare & Medicine

The Role of Vaccines in Preventing Infectious Diseases and Antimicrobial Resistance

★★★★★ 4.8 (16 reviews)

Learn how vaccines work and can be used for infectious disease control with this online course for healthcare professionals.

[Get course for free](#)

16,959 enrolled on this course

Duration: 2 weeks | Weekly study: 2 hours | 100% online: Learn at your own pace (over 16 weeks) | Extra Benefits: From £52 (Find out more) | Accreditation: Available (View info)



Online Courses / Healthcare & Medicine

Fungal Diagnostics in Critically Ill Patients

★★★★★ 4.7 (27 reviews)

Understand the role of fungal diagnostics to guide treatment decisions and identify what makes a good fungal diagnostic test.

[Get course for free](#)

294 enrolled on this course

Duration: 2 weeks | Weekly study: 2 hours | 100% online: Learn at your own pace (over 16 weeks) | Extra Benefits: From £52 (Find out more) | Accreditation: Available (View info)



Online Courses / Healthcare & Medicine

Antimicrobial Stewardship in Veterinary Practice

★★★★★ 4.7 (27 reviews)

How can good antimicrobial stewardship prevent antimicrobial resistance (AMR) in veterinary practices? Find out on this course.

[Get course for free](#)

6,669 enrolled on this course

Duration: 2 weeks | Weekly study: 3 hours | 100% online: Learn at your own pace (over 16 weeks) | Extra Benefits: From £52 (Find out more) | Accreditation: Available (View info)



Online Courses / Healthcare & Medicine

Challenges in Antibiotic Resistance: Point Prevalence Surveys

★★★★★ 4.7 (23 reviews)

Learn how to use Point Prevalence Surveys (PPS) to measure antibiotic consumption and fight antimicrobial resistance.

[Get course for free](#)

8,485 enrolled on this course

Duration: 2 weeks | Weekly study: 2 hours | 100% online: Learn at your own pace (over 16 weeks) | Extra Benefits: From £52 (Find out more) | Accreditation: Available (View info)



Online Courses / Healthcare & Medicine

Optimización del uso de antimicrobianos: Gestión de la resistencia a los antimicrobianos

★★★★★ 4.7 (23 reviews)

Entender la resistencia a los antibióticos, y cómo la administración antimicrobiana puede ralentizar o reducirla, con este curso

[Get course for free](#)

1,948 enrolled on this course

Duration: 2 weeks | Weekly study: 2 hours | 100% online: Learn at your own pace (over 16 weeks) | Extra Benefits: From £52 (Find out more) | Accreditation: Available (View info)



Online Courses / Healthcare & Medicine

抗菌素管理: 管理抗生素耐药性

★★★★★ 4.7 (23 reviews)

了解抗生素耐药性, 以及抗菌药物管理如何减缓或减少它, 这个免费的在线课程。

[Get course for free](#)

813 enrolled on this course

Duration: 2 weeks | Weekly study: 3 hours | 100% online: Learn at your own pace (over 16 weeks) | Extra Benefits: From £52 (Find out more) | Accreditation: Available (View info)



E-learning

Webinars

Filters

☐ Antibiotics at home

☐ Antimicrobial Resistance (AMR)

☐ Antimicrobial Stewardship

☐ Behaviour change

☐ Data Collection and Reporting

☐ Healthcare Professionals

☐ Industry


☐ Pathogen specific

☐ Public

☐ Translation(s)


☐ Vaccine Development


☐ Wound Management





Introducción a la microbiología práctica

Conoce lo básico de la microbiología y los principios para optimizar el uso de antimicrobianos desde un punto de vista práctico.

 FutureLearn


 Time to complete: 4 Weeks


 Start date: 28 Jun 2021





Infection Prevention for Vulnerable Patients

Personally contribute to the fight against healthcare inequalities in vulnerable patients using a range of case studies.

 FutureLearn


 Time to complete: 2-3 weeks


 Start date: 29 Mar 2021




Fungal Diagnostics in Critically Ill Patients

Understand the role of fungal diagnostics to guide treatment decisions and identify what makes a 'good' fungal diagnostic test.

 FutureLearn


 Time to complete: 3- 4 weeks

 Start date: 26 Apr 2021

Course length 2-4 weeks duration

TOPICS so far

- Introduction to practical microbiology
English,
Spanish language versions
- Infection prevention for vulnerable patients
- Fungal diagnostics in critically ill patients
- Challenges in antibiotic resistance:
 - Gram negative bacteria
 - Non-fermenting Gram negative bacteria
 - Point-prevalence survey
- Procalcitonin: PCT as a biomarker for antimicrobial stewardship
- Syndromic testing and antimicrobial stewardship
- Antimicrobial stewardship – English, Chinese, Russian, Spanish, Portuguese.
- Antimicrobial stewardship in veterinary practice
- Tackling antimicrobial resistance: A social science approach



BRITISH SOCIETY FOR
ANTIMICROBIAL
CHEMOTHERAPY

RECORDED WEBINAR



Webinar: COVID-19 and AMR: How to contain antimicrobial resistance during a pandemic (in collaboration with EBRD)

This recorded webinar of a live event held 26th November 2020

Now available as a recorded webinar, CPD/ Certificates of Participation available

RECORDED WEBINAR



Webinar: Doing better for UTI patients, diagnostic tests for urine infections, the impact of COVID-19 on rapid testing

This recorded webinar of a live event held 16th November 2020

Now available as a recorded webinar, CPD/ Certificates of Participation available

RECORDED WEBINAR



Webinar: COVID-19 and Antimicrobial Stewardship

This recorded webinar of a live event held 18th November 2020

Now available as a recorded webinar, CPD/ Certificates of Participation available

RECORDED WEBINAR



Webinar: Pneumonia – diagnosis, treatment and stewardship challenges

CPD accredited. View more information such as speaker, reference materials and registration

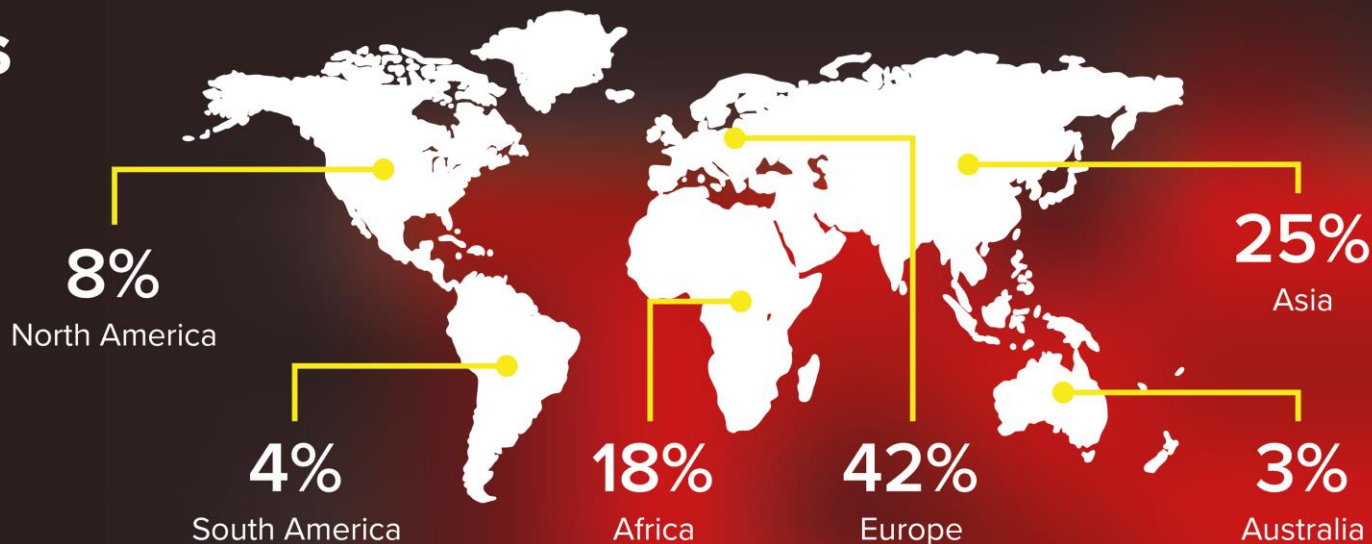


TOP

- Joint BSAC/EWMA webinar: The impact of Covid-19 on chronic wound management and the effect on antimicrobial stewardship
- Syndromic Testing and Antimicrobial Stewardship
- Procalcitonin and COVID-19
- Doing better for UTI* patients, diagnostic tests for urine infections, the impact of COVID-19 on rapid testing
- COVID-19 and Antimicrobial Stewardship
- Pneumonia – diagnosis, treatment and stewardship challenges
- Treating sepsis – a pragmatic or utopian approach?
- Antimicrobial Surveillance and consumption data – how, what and why to measure to provide meaningful data
- The role of telemedicine during the COVID-19 crisis and the use in Antimicrobial Stewardship

*Urinary tract infection

GLOBAL REACH OF OPEN ACCESS E-LEARNING



34
NUMBER OF COURSES
SINCE 2015

200,000+
UNIQUE LEARNERS
AND DOWNLOADS

6
continents

215
countries

37,000+
learner locations

Met Expectations



Improved Knowledge



Improved Shared learning

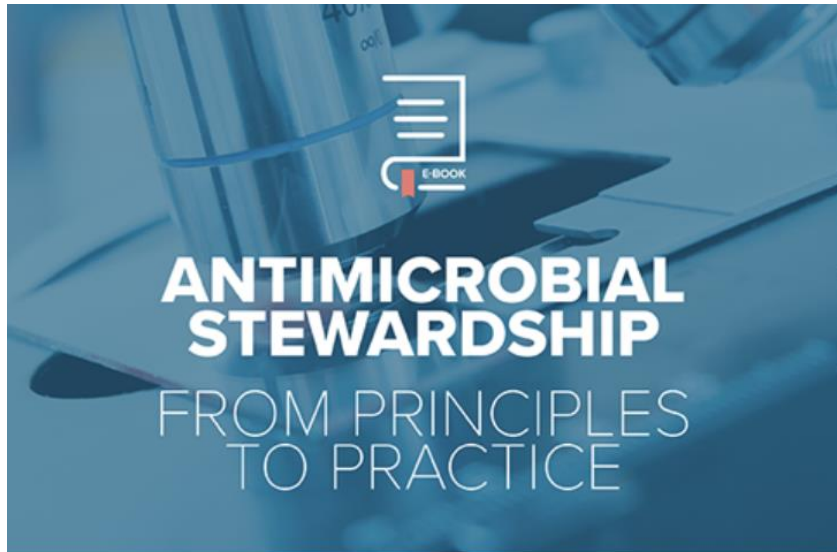


Improved Applied learning



Antimicrobial stewardship: From principles to practice

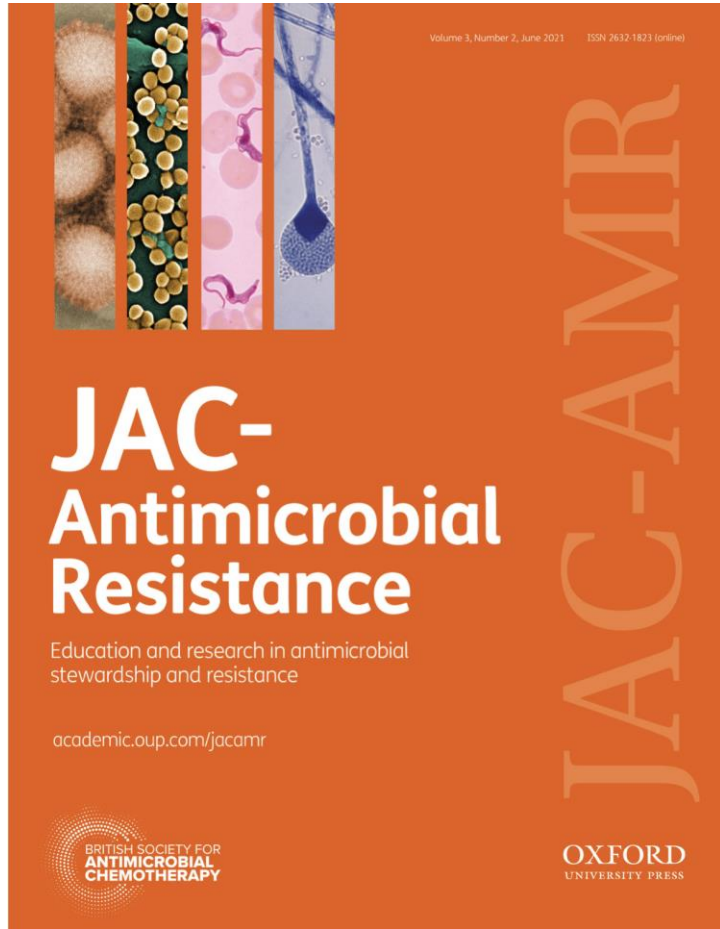
- A **FREE eBook** from the British Society for Antimicrobial Chemotherapy
- A global and highly practical primer on the wise use of antibiotics
- Available as a PDF or an EPUB file,



Provides

- An extensive overview of the day-to-day challenges posed by antimicrobial resistance
- Tools for setting up stewardship programmes
- Guidance on how to make the most of existing stewardship programmes
- Resources to apply the principles of stewardship to a wide range of professions, populations, and clinical/care settings
- Support for colleagues working in low and middle-income countries
- Advice on informing and influencing policymakers and journalists
- An interactive, multimedia, platform with links to many videos, podcasts, and PDFs

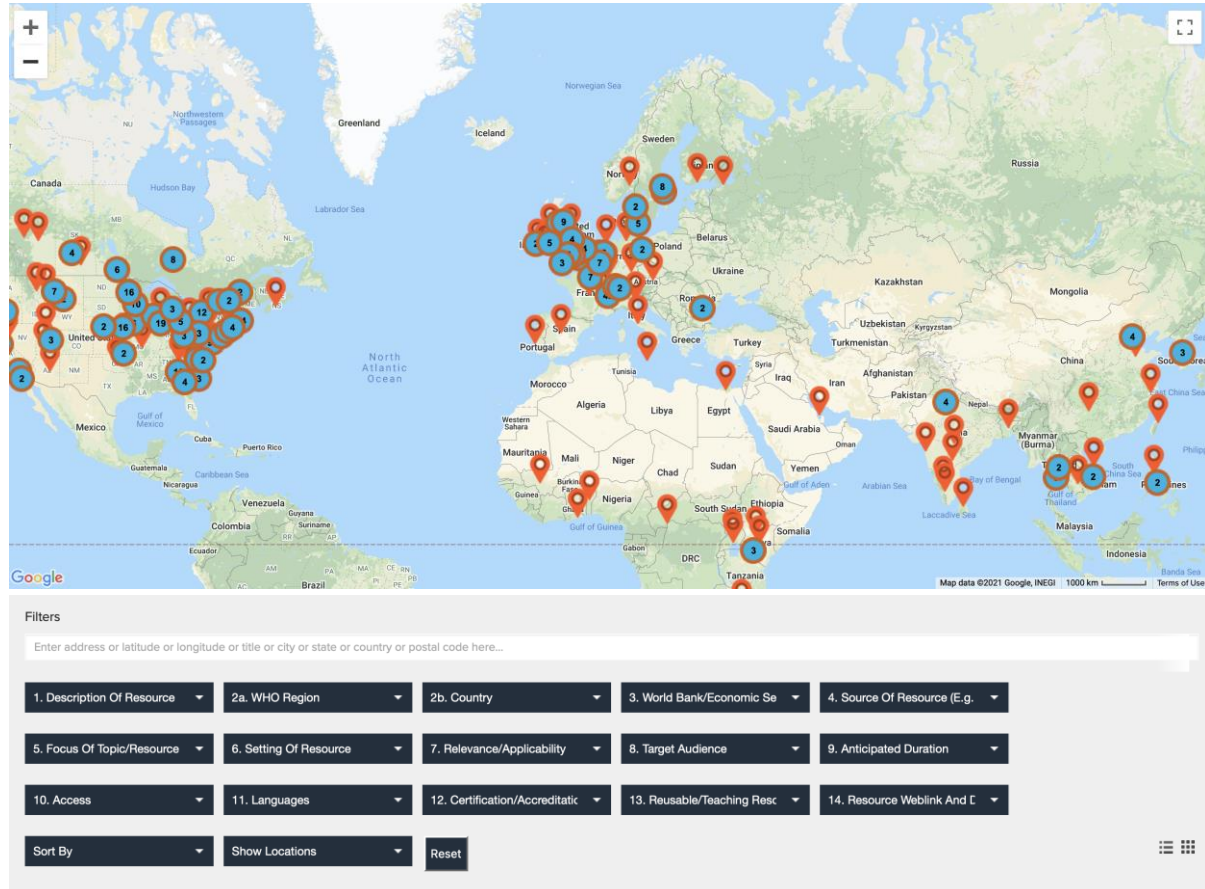
Our journals



- Original Article
- Review
- Viewpoint
- For Debate
- Brief Report
- Educational resource: non-commercial



Antimicrobial resistance and stewardship e-Learning Repository



- Database of peer and non-peer reviewed multi-media antimicrobial resistance and stewardship educational resources from differing health economies across the globe.
- The resources are classified according to the World Health Organisation national action plan classification system and are searchable using the filters
- Some of these resources have been or will be selected for peer review and publication in JAC-Antimicrobial Resistance.
- If resources are already reviewed a link to the peer review publication has been provided.



BRITISH SOCIETY FOR
ANTIMICROBIAL
CHEMOTHERAPY

&

CHARADES
MUSICALS

PRESENT

IN COLLABORATION WITH



THE UNIVERSITY
of EDINBURGH

THE MOULD THAT CHANGED THE WORLD



The World Health Organization states that “Antibiotic resistance is one of the biggest threats to global health, food security, and development today.”

The Mould that Changed the World is a brand new musical theatre production which communicates the fundamental concept of antimicrobial resistance

Conferences and events

Open access webinars

Antimicrobial Chemotherapy Conference with

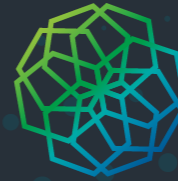


Global Antibiotic Research & Development Partnership

Collaborations including



**ANTIMICROBIAL
STEWARDSHIP
EDUCATION
INITIATIVE**



**BRITISH
PHARMACOLOGICAL
SOCIETY**



European Bank
for Reconstruction and Development



BRITISH SOCIETY FOR
**ANTIMICROBIAL
CHEMOTHERAPY**



INFECTION
**LEARNING
HUB**

www.bsac.org.uk

www.infectionlearninghub.co.uk

REVIVE: Advancing antimicrobial R&D through education and collaboration

Astrid Pentz-Murr, Scientific Affairs Manager, GARDP

REVIVE webinar 'Openly accessible resources for the global antimicrobial R&D community' on 10 June 2021



REVIVE: Advancing antimicrobial R&D through education and collaboration

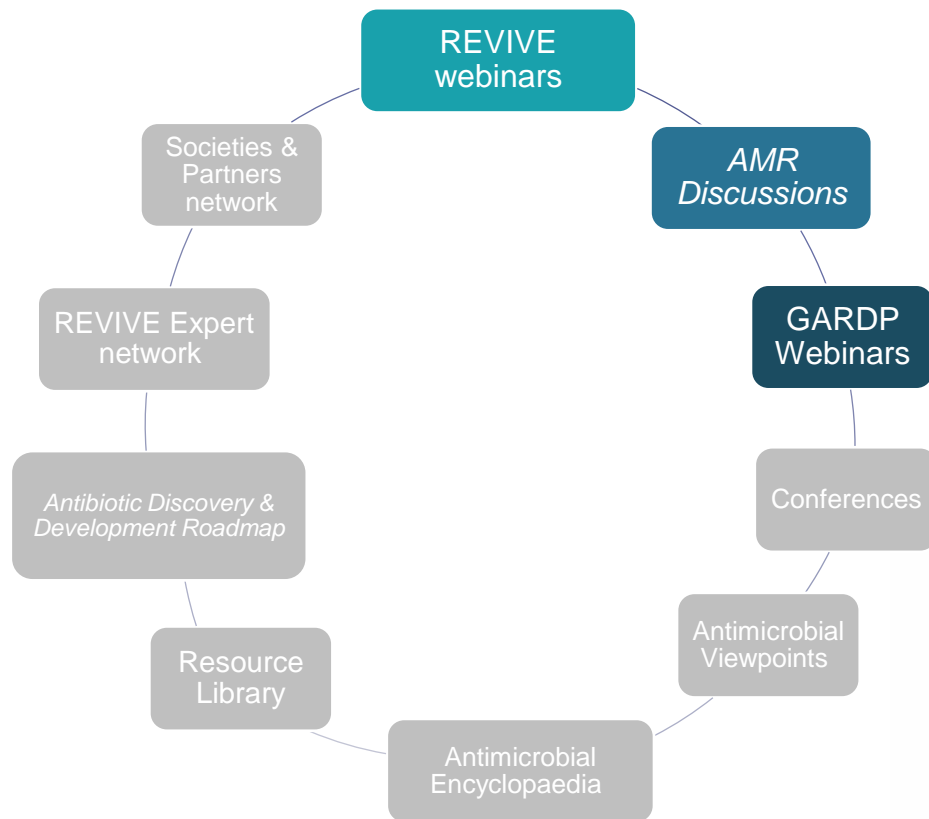
REVIVE was launched in 2018 to ensure **knowledge is retained**, and the antimicrobial R&D community is supported to **connect, share, and acquire information**.

As companies continue to leave the field of antibiotic development, many researchers have retired or re-focused their activities on other areas. REVIVE addresses this gap.

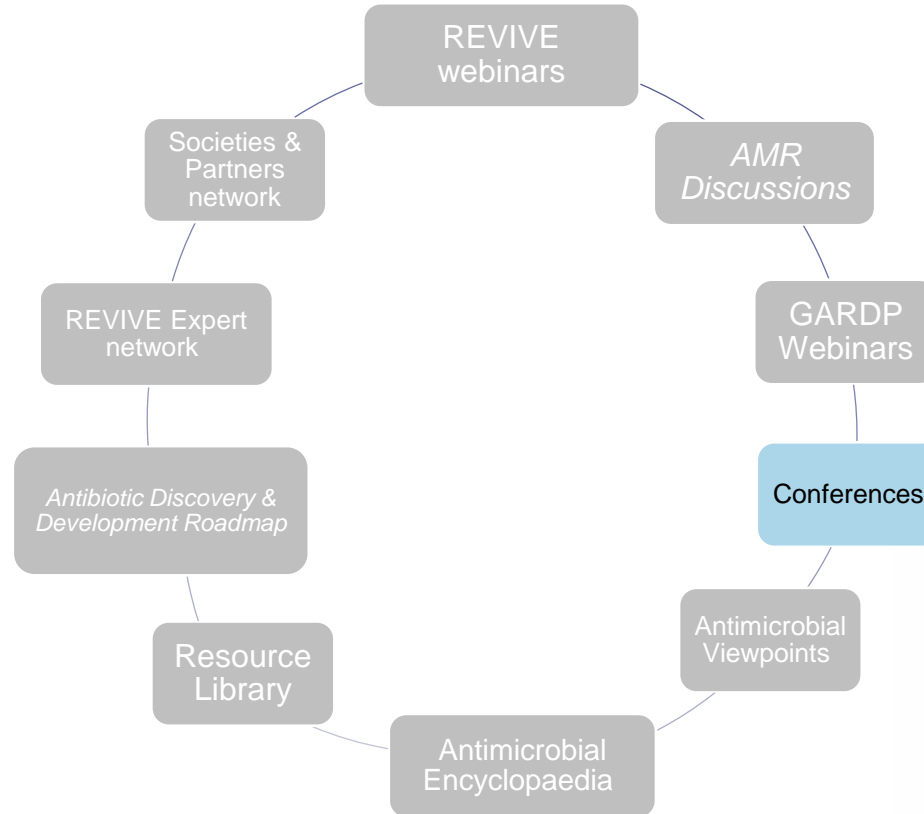
GARDP is helping to advance the development of new treatments:
Scientific Affairs activities are hosted on REVIVE and freely accessible to all.



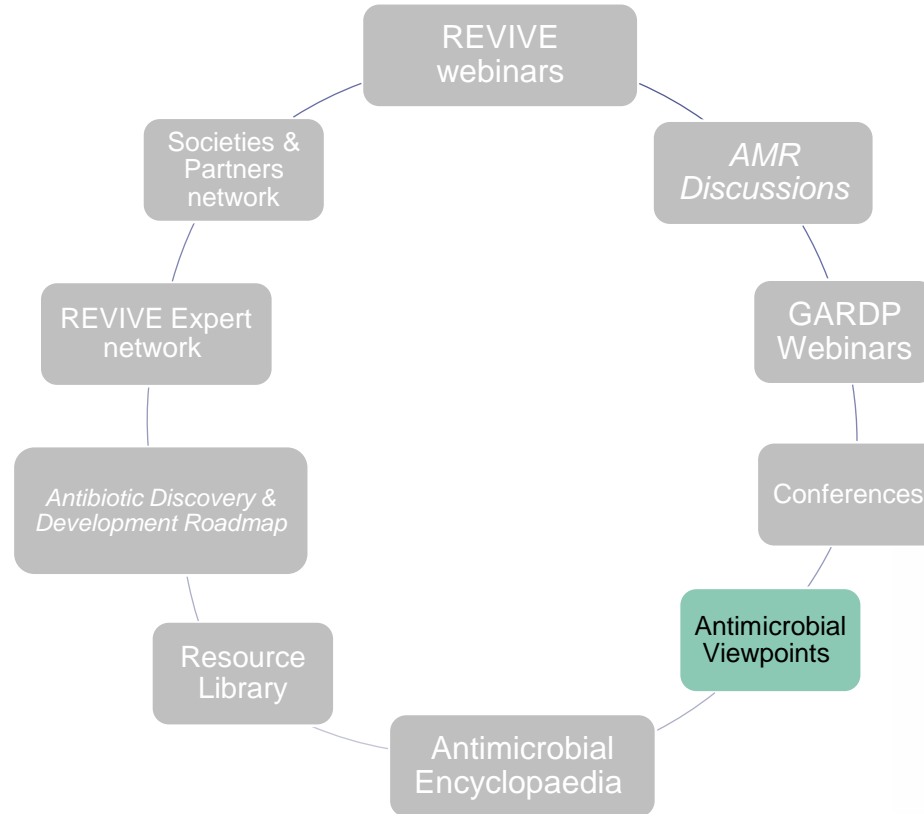
GARDP's Scientific Affairs activities



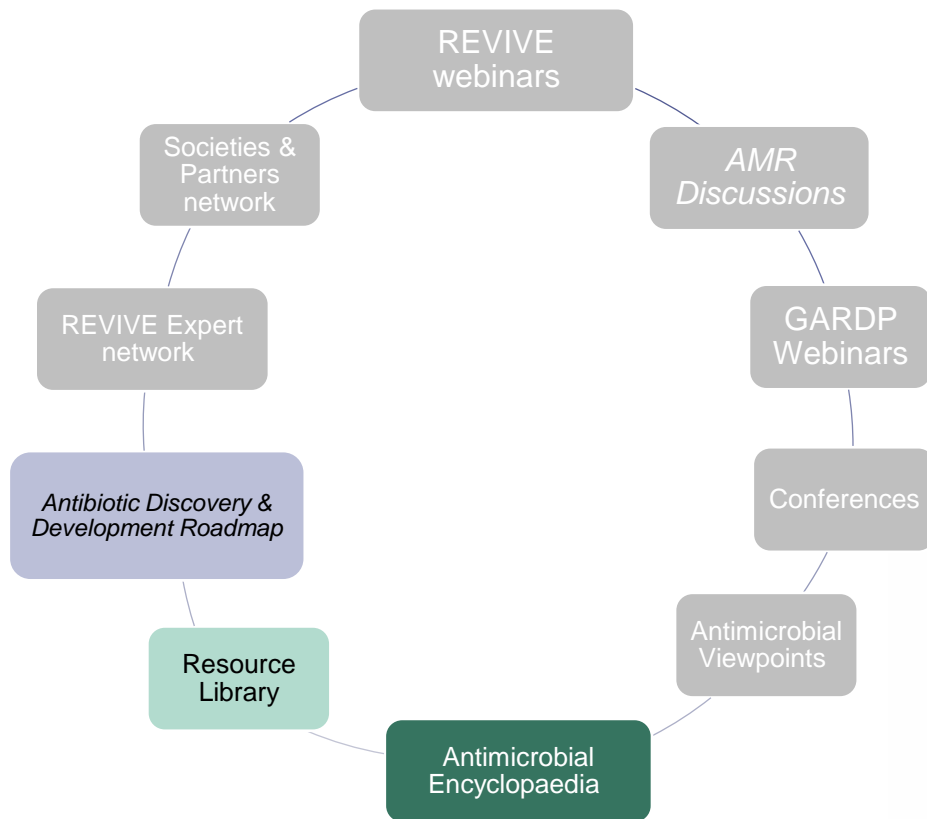
GARDP's Scientific Affairs activities



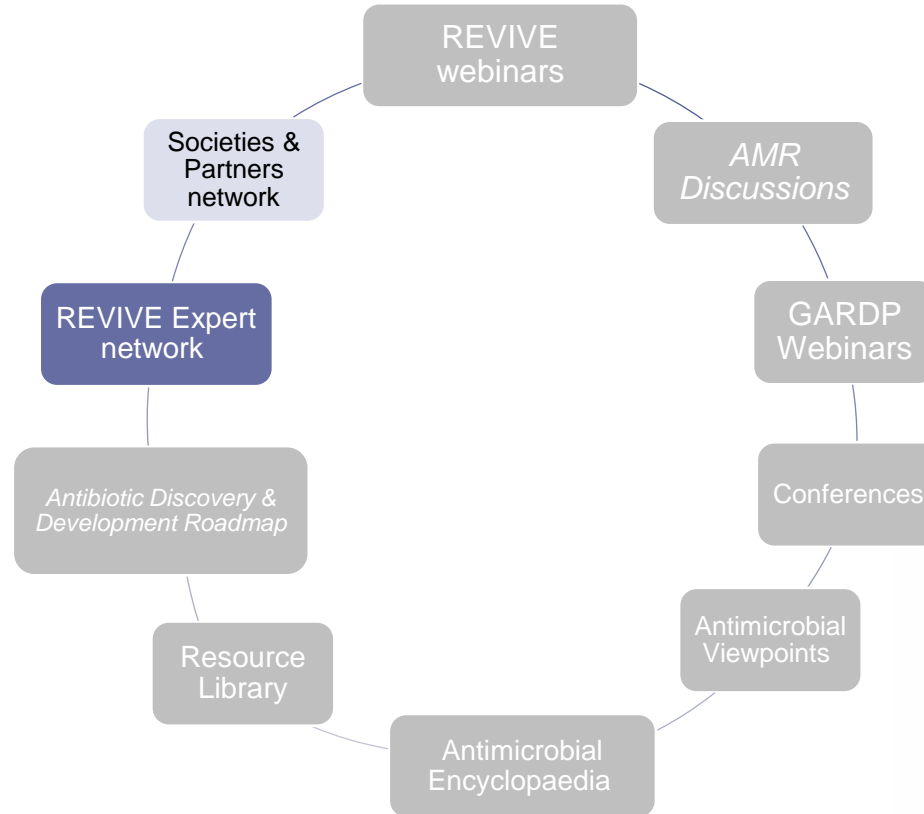
GARDP's Scientific Affairs activities



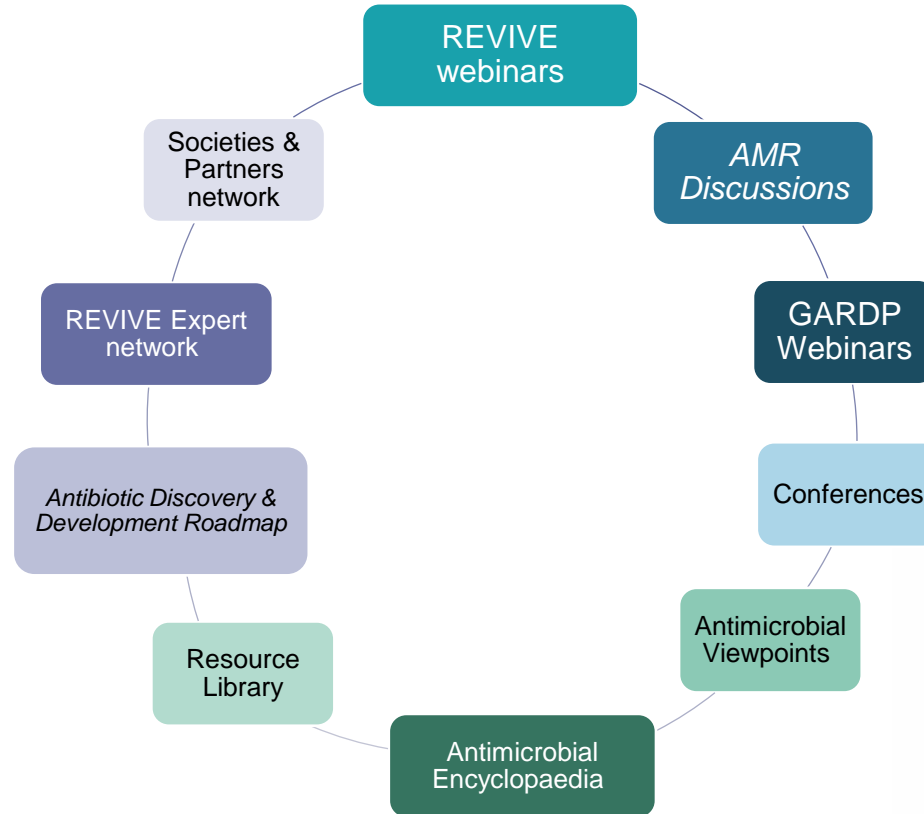
GARDP's Scientific Affairs activities




GARDP's Scientific Affairs activities



GARDP's Scientific Affairs activities



Our webinar series



	REVIVE webinars	GARDP corporate webinars	AMR Discussions
Content	Practical topics related to antimicrobial drug discovery & development	Topics which are close to or feature GARDP's work	Broad AMR area, potentially controversial, no clear consensus, policy
Format	90 minutes; 1-5 presentation(s) with slides, moderated 30-45 minutes audience Q&A	60-90 minutes; 3-4 presentations (slides not always used), curated panel discussion, audience Q&A	60 minutes; curated panel discussion, no presentations, moderated audience Q&A
Audience	Scientists from industry and academia, clinicians, regulators, NGOs	REVIVE audience, plus funders, governmental representatives, journalists, civils society	REVIVE audience, plus funders, governmental representatives, policy makers, journalists, civil society

REVIVE webinars

Educational webinars on topics related to antimicrobial drug discovery and development.



revive.gardp.org/webinars





LIVE WEBINAR

25 February 2021, 17:00-18:30 CET

From discovery to IND: Roadmap to a successful antibacterial project

Speakers: Patricia Bradford, Antimicrobial Development Specialists LLC, US
Allia Miller, Fraxos Therapeutics, US

Moderated by Michael Moures, École d'ingénieurs de PURPAN, France

Recording available





LIVE WEBINAR

19 May, 17:00-18:30 (CEST)

Assay development for measuring antibiotic accumulation in Gram-negative bacteria

The question & answer session will be moderated by Alice Erwin (Erwin Consulting LLC)

Recording available

In collaboration with:  THE PEW CHARITABLE TRUSTS





LIVE WEBINAR

28 October 2020, 09:00-10:30 am CET, 07:00-08:30 pm AEDT

Developing antibiotics for children – medical need and regulatory challenges

Speakers: Phoebe Williams, Sydney Children's Hospital and University of Sydney, Australia
Irja Lutsar, University of Tartu, Estonia

Recording available





LIVE WEBINAR

9 July 2020, 09:00-10:30 am CEST

The challenges and opportunities for antimicrobial R&D in low- and middle-income countries – India case study

Speakers: Anand Anandkumar, Rugwarka Research Inc
Kamini Walia, Indian Council of Medical Research

Recording available





LIVE WEBINAR

17 November 2020, 17:00-18:30 CET

Discovery of new antibacterials using artificial intelligence (computational chemoinformatics)

Moderated by Laura Piddock (GARDP)

Recording available





LIVE WEBINAR

24 March 2021, 14:30-16:00 CEST (9.30 - 11.00 am EDT)

Discovering and developing new treatments for tuberculosis

Speaker: Nader Fotouhi, CSO TB Alliance, US

Recording available

In collaboration with:  TB Alliance

GARDP webinars

Presentations and panel discussions about topics related to GARDP's focus areas.



revive.gardp.org/webinars

LIVE WEBINAR **Recording Available!** 

16 June 2020, 5 - 6:30pm CEST

Bringing new treatments for drug-resistant infections to all who need them

Speakers: Seamus O'Brien, R&D Director, GARDP
François Franceschi, Asset Evaluation and Development Project Leader, GARDP
Sally Ellis, Children's Antibiotics Project Leader, GARDP

Recording Available! 

LIVE WEBINAR

25 June 2020, 2-3pm CEST

Putting children first in the fight against antibiotic resistance

Speakers:
Dr Christina Obiero, Co-investigator, GARDP fosfomycin clinical trial, Kilifi, Kenya
Dr Manica Balasegaram, Executive Director, GARDP
Prof Hanan Balkhy, Assistant Director-General for Antimicrobial Resistance, WHO
Dr Stefan Peterson, Chief of Health, UNICEF

  **World Health Organization**

LIVE WEBINAR

20 November 2020, 10:30am - 12pm CET

Saving children's lives – treating neonatal sepsis

The webinar, organized in collaboration with WHO, is being held on the occasion of Universal Children's Day and during World Antimicrobial Awareness Week

Speakers: Prof Hanan Balkhy, Assistant Director-General for Antimicrobial Resistance, WHO
Dr Manica Balasegaram, Executive Director, GARDP
Dr Dhanya Dharmapalan, pediatrician and member of the Pediatric Infectious Disease Society (PIDS), Mumbai
Dr Borna Nyauko, Senior Clinical Project Manager, DNDI Kenya

LIVE WEBINAR 

Learning from COVID-19 to tackle the silent pandemic of antibiotic resistance

4 March 2021, 4 - 5:30pm CET

Speakers:

Dr Manica Balasegaram - GARDP Executive Director
Dr Marc Mendelson - Professor of Infectious Diseases and Head of the Division of Infectious Diseases & HIV Medicine at Groote Schuur Hospital, University of Cape Town
Dr Joanne Liu - Pediatric Emergency Physician at the University of Montreal and former International President of Médecins Sans Frontières

Recording Available!

New: AMR Discussions

Panel discussions about various topics related to AMR.



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AMR DISCUSSIONS

Balancing access to and stewardship of antimicrobials in LMICs

MODERATOR:



PHILIP HOWARD
Consultant Antimicrobial Pharmacist,
Leeds Teaching Hospitals, UK and Vice
President of British Society of
Antimicrobial Chemotherapy

SPEAKERS:



DIREK LIMMATHUROTSAKUL
Head of Microbiology at Mahidol-Oxford
Tropical Medicine Research Unit (MORU),
Mahidol University, Thailand



SOUHA S. KANJ
Professor of Internal Medicine at American
University of Beirut, Lebanon



SUJITH J. CHANDY
Director at ReAct Asia Pacific and
Professor of Clinical Pharmacology
at Christian Medical College,
Vellore, India

1 July 2021, 10:00-11:00 am CEST



Register
now!

Conferences



ASM/ESCMID 2020 was cancelled; the planned Bootcamps were developed as REVIVE webinars:



GARPD's and BSAC's Antimicrobial Chemotherapy Conference:



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Antimicrobial Viewpoints



Causes of antibiotic shortages and the solutions to address them by Enrico Baraldi



Learning from IPC strategies for COVID-19 to mitigate AMR in rural Nigerian communities by Rachael Osagie




A new cephalosporin has been approved by Ursula Theuretzbacher



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Antimicrobial Encyclopaedia



The diagram shows a cross-section of a bacterium. Inside the cell, there are numerous small circles representing molecules. Some of these molecules are being pumped out of the cell through a structure on the cell membrane, which is labeled as an efflux pump. The pump is shown as a channel with a rotating part that moves molecules from the inside to the outside of the cell.

Antimicrobial Encyclopaedia - RE x +

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Antimicrobial R&D

About Experts

Abbreviated new drug application (ANDA)

Active pharmaceutical ingredient (API)

Absorption, distribution, metabo x +

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Global Antimicrobial Research & Development Partnership

in the body.
tributed across different tissues (or
and have a biological effect.

This is done by molecular machines called efflux pumps.



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Resource Library

Library - REVIVE

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About Experts Webinars & Conferences Antimicrobial Viewpoints Resources JOIN US

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Use the filters below to narrow your search:

Content format

- Article
- Definition
- Encyclopaedia
- External resource
- Video

Resource type

- Antimicrobial Viewpoint
- Conference
- Database
- Funding Mechanism
- Guideline
- Organization
- Presentation
- Project
- Protocol/SOP
- Publication
- Scientific Journal
- Tool
- Video
- Webinar

Drug development

- CMC
- Discovery
- Exploratory
- Hit-to-lead
- Lead-to-candidate
- Phase 1
- Phase 2
- Phase 3
- Phase 4
- PK/PD
- Preclinical development
- Regulatory
- Screening
- Toxicology

Indication

- ABSSI
- Bloodstream infection
- Gonorrhoea
- HAP/VAP
- IAI
- Pneumonia
- SSTI
- STI
- Tuberculosis
- UTI

Microbe / Microbial properties

- Acinetobacter baumannii*
- Enterobacteriaceae
- Enterococcus faecium*
- Escherichia coli*
- ESKAPE
- Gram negative
- Gram positive
- Klebsiella pneumoniae*
- MDR
- PDR
- Pseudomonas aeruginosa*
- Staphylococcus aureus*
- WHO priority pathogens
- XDR

Antibiotics class

- Aminoglycosides
- Carbapenems
- Cephalosporins
- Diarylquinolines
- Glycopeptides
- Lincomycins
- Macrolides
- Penicillins
- Quinolones
- Sulfonamides
- Tetracyclines

Other tags

- Access
- Diagnostics
- Stewardship

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REVIVE's Expert network



Marc Mendelson

Professor of Infectious Diseases and Head of the Division of Infectious Diseases & HIV Medicine
University of Cape Town



Shampa Das

Senior Lecturer
University of Liverpool



Paul Hergenrother

Kenneth L. Rinehart
Endowed Chair in Natural Products Chemistry
University of Illinois



Man Wah Tan

Senior Director and
Principal Scientist
Genentech



Neeloffer Mookherjee
Professor
University of Manitoba



Lena Friberg

Professor of
Pharmacometrics
Uppsala University

REVIVE is currently supported by 131 individuals with an expertise in antimicrobial research and development or its economics and regulation

- 48 contributing experts
 - Actively contribute to the development of content for REVIVE
- 83 endorsing experts
 - support REVIVE through promoting its activities their colleagues and providing suggestions.

Experts come from 21 countries including Australia, Belgium, Sweden, South Africa, and India.



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73 partner organizations and scientific societies all over the world collaborate by regularly sharing our content with their networks.

-
- A world map where the 100 countries with the highest number of international tourists are highlighted in dark blue. These countries are primarily located in North America (USA, Canada), Europe (UK, France, Germany, Italy, Spain, etc.), Australia, and parts of South America (Brazil, Argentina, Chile, etc.). Most of Africa, Asia, and South America are shown in light grey, indicating they are not in the top 100.

Countries with societies that share content



How to get involved

Reach out to us to

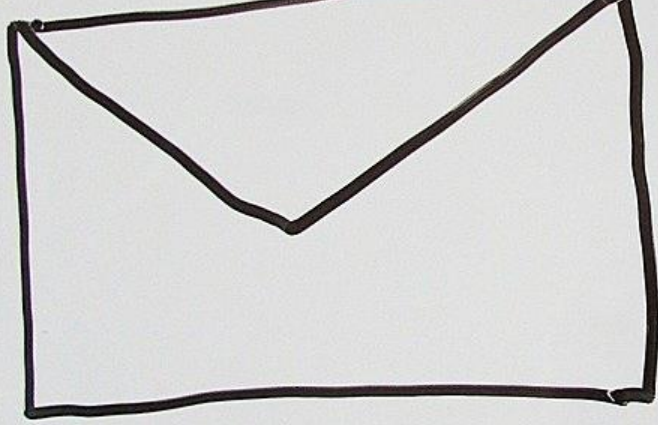
- propose to develop an Antimicrobial Viewpoint article or Encyclopaedia entry
- propose a webinar topic or speaker
- let us know which Encyclopaedia terms are urgently missing
- share valuable resources with us for the Library
- nominate experts for our network
- find out how you can spread the word about our activities
- ask any other questions or make suggestions!



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Connect with us via

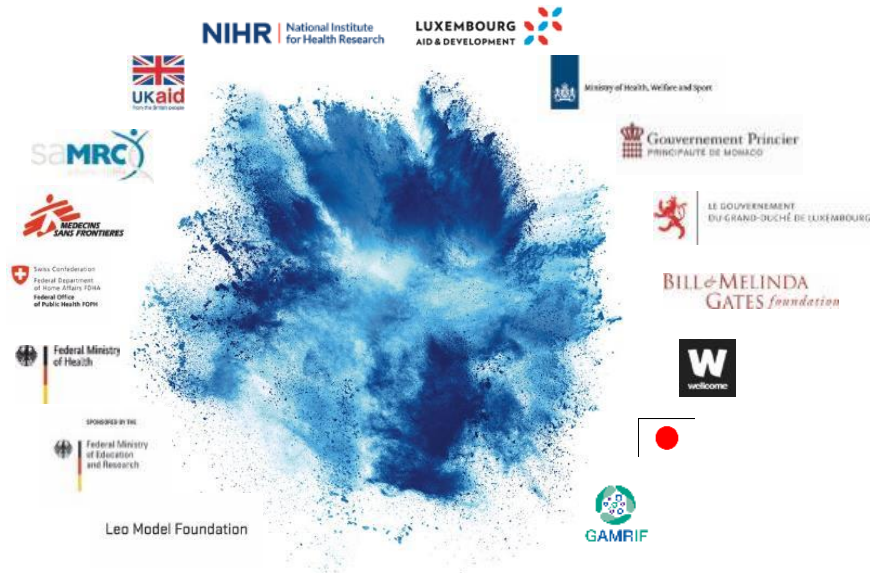
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- LinkedIn: www.linkedin.com/company/gardp



NEWSLETTER

Please keep up to date with our activities by
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Thank you



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Today's speakers

Openly accessible resources for the global antimicrobial R&D community



Eva Garmendia
Coordinator
Uppsala Antibiotic Center (Sweden)



David Jenkins
Consultant Medical Microbiologist and President of the British Society for Antimicrobial Chemotherapy
University Hospitals of Leicester NHS Trust (UK)



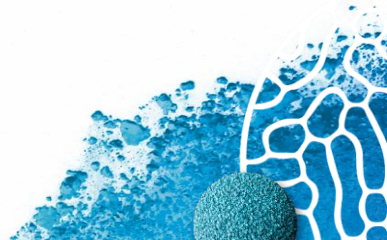
Astrid Pentz-Murr
Scientific Affairs Manager
Global Antibiotic Research & Development Partnership (Switzerland)



Moderator:
Katie Prosen
Senior Associate
The Pew Charitable Trusts (US)

**Do you know of any other
relevant resources?**

Please let us know!
revive@gardp.org



Join us for our next webinar

AMR Discussion

New series!

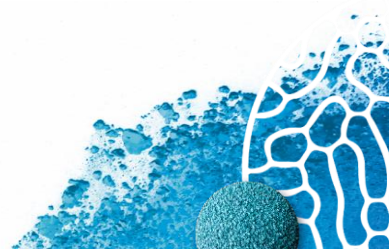
1 July, 10:00-11:00 CEST

Balancing access to and stewardship of antimicrobials in LMICs

Speakers:

- Direk Limmathurotsakul, Mahidol University (Thailand)
- Souha S. Kanj, American University of Beirut Medical Center (Lebanon)
- Sujith J. Chandy, ReAct Asia Pacific (India)

**Registration link and more
information available on:**
revive.gardp.org/webinars





Thank you for joining us

