

# AMR Insights in 2023 in a bird's-eye view

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AMR Insights is proud to announce that in 2023 it has achieved several major steps in the battle against Antimicrobial Resistance (AMR). In this retrospective we give you 2023 in a bird's-eye view and hope you'll be part of our community in 2024. Whether you were already part of our community or not; **you are very welcome to join and participate!**

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## Preface

As a Microbiologist, I feel a responsibility to combat the globally escalating problem of Antimicrobial Resistance (AMR). For this reason, I founded AMR Insights in 2017.

The goal of AMR Insights is to adequately inform other professionals and carefully and in clear language explain what resistance means and how it impacts our society. There is, unfortunately, such a lack of relevant knowledge and insights. With AMR Insights I hope to close this gap. Another reason to found AMR Insights is to connect people. Because together we stand stronger and can move forward more easily. For that reason, I also founded the fast-growing global Ambassador Network.

AMR Insights is an autonomous organisation. An organisation with a mission: to support and connect involved AMR stakeholders in order to take the AMR community to the next level. In doing so, we consider AMR as a One Health challenge. And in doing so, we focus on the entire value chain and thus on innovation. That means we must push for better global surveillance, better antimicrobial stewardship, better diagnostics, new antibiotics, alternatives and for vaccination. And on a reduction of AMR in the environment.

That is where AMR Insights together with the AMR Community wants to make a difference. That is what we aimed for in 2023 and that is what we aim for in 2024 and beyond.

Together with you!



*Dr Maarten B.M. van Dongen,  
Founder of AMR Insights BV*



**"I am committed to eliminating antimicrobial resistance, because I do not accept that millions of innocent people need to die as a result of resistant bacteria and other microorganisms."**

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## Introduction

AMR Insights (2016) is a Netherlands based, globally active, network organisation focusing on informing, educating and connecting professionals in public and private organisations. AMR Insights works with professionals in all One Health sectors. This includes human and animal health, agrifood and the environmental sector. The objective of AMR Insights is to add to the controlling of Antimicrobial Resistance (AMR). It aims to achieve this by taking existing AMR activities, programmes and operations to the next level by providing up-to-date information, explaining in clear language what AMR is and by boosting international cooperation and joint innovation. In this way, AMR Insights believes it can build a community that is better equipped to battle AMR more focused and efficiently. Thereby, AMR Insights focuses on the entire innovation value chain: from (academic) research and development to validation, registration, implementation and commercialisation.

AMR Insights has been set up for professionals in all One Health sectors who recognise AMR as a serious problem and want to take action. In addition, AMR Insights is very pleased to notice that also more and more students, parents, carers and patients are taking an interest in AMR and adding to the community through their involvement in its projects.

AMR Insights has developed and uses its own AMR technology database. This database enables a rapid selection of relevant technologies in the matchmaking parts. Together with Innovate UK, AMR Insights organises International AMR innovation missions to countries such as Germany, USA, Switzerland and India.

### Core activities of AMR Insights are:

- Informing professionals by means of a bimonthly newsletter with selected, current news and developments and by offering a searchable database of relevant AMR-related publications.
- Educating professionals by organising an annual, online International Masterclass AMR, and by organising thematic webinars.
- Connecting professionals by organising online and in person International Matchmaking Symposia.
- Generating as much global impact as possible, AMR Insights established an international network of Ambassadors in 2017; the AMR Insights Ambassador Network. This global network is a growing, distinctive group of professionals who stand out for their open attitude, commitment and willingness to cooperate and combat Antimicrobial Resistance together. Crossing borders, sectors and time zones, connecting professionals and students regardless of race, religion and political affiliation makes this network unique. The network now comprises more than 600 Ambassadors in over 65 countries.





## 01. INFORMING with current news and new insights on AMR

“AMR Insights is a fantastic platform providing all the relevant, up to date information on AMR that I’ve used many times. One of its strengths is its strong links to industry. Another strength is its truly collaborative network of international Ambassadors. I’ve had the opportunity to work with some fabulous researchers through the Ambassadors network.”

*Dr Catrin Moore, Antimicrobial Resistance Research Group, St. George’s University of London, United Kingdom*

“AMR Insights provides an increasingly important source of news, views, and support, to a range of professionals across the world. Its attempt to help shape a single community of interest in the face of daunting complexity is urgent and necessary – and aligns with our own plans and activities.”

*Tracey Guise, Chief Executive Officer, British Society for Antimicrobial Chemotherapy, Manchester, United Kingdom*

### **AMR Insight’s newsletter on AMR reached over 8.500 subscribers worldwide**

In 2023, AMR Insights has sent 23 digital newsletters. This fortnightly newsletter goes to over 8.500 subscribers worldwide. Every newsletter is filled with the latest news, publications and insights on AMR and gives readers an insight in the AMR developments worldwide. In 2023 AMR Insights sent out an online survey to its global readers to evaluate the newsletter. The main conclusion was that 85% of the respondents appreciated the newsletter very much. In 2023 AMR Insights also saw an estimated number of over 50.000 unique visitors to the AMR Insights information platform!

“Bacteria share resistance genes, never sleep, and the spread of AMR is unremitting, but we can share intelligence and this is our best hope of tackling resistance. The International Masterclass AMR 2023, to which I was happy to contribute, provided a valuable opportunity to share intelligence, contributing to AMR control.”

*Dr David Jenkins, President British Society for Antimicrobial Chemotherapy, Director of Healthcare Infection Prevention Limited, Consultant Medical Microbiologist, University Hospitals of Leicester NHS Trust, United Kingdom*

**“AMR Insights provides an increasingly important source of news, views, and support, to a range of professionals across the world.”**



### **AMR Insights shared new insights on sub-aspects of AMR at major conferences**

AMR Insights was invited to speak at five major, international conferences. Three of these conferences were live events, the other two were online events. AMR Insights presented at the Trends in Microbiome and Digital Health in Saudi Arabia and at the International Conclave on AMR and Future of Antibiotics (ICAFA 2023) in India. Online AMR Insights gave a presentation at the Symposium on Cell and Molecular Biology (SCMB-2023). This online event and the ICAFA 2023 were both organised by the SRM University Andhra Pradesh in India. Also AMR Insights was one of the key note presenters at the NYtor Symposium Colorful Molecular Diagnostics in Nijmegen, The Netherlands. And last but not least AMR Insights gave a presentation at the online Global WARNING webinar organised by the Global Alliance for Infections in Surgery as part of the global World AMR Awareness Week 2023.

### **AMR Insights synergised its activities with the global AMR Stakeholders**

Early 2023 AMR Insights took the initiative to meet with the key global AMR stakeholders with the aim to synergise its activities. These stakeholders included the WHO<sup>1</sup> (Geneva, CH), GARDP<sup>2</sup> (Geneva, CH),

“AMR Insights brings a wealth of information on AMR to a diverse audience and creates networking opportunities that are essential in the global fight against AMR.”

*Alex Costa, Senior Health Advisor, Health Programme Group, UNICEF, New York, NY USA*

“AMR Insights, as a pivotal knowledge hub, casts a profound light on the intricacies in the field of Antimicrobial Resistance. During the first joint conference Trends in Microbiome and Digital Health, which was held at King Abdullah University for Science and Technology (KAUST) in 2023, AMR Insights provided invaluable knowledge, illuminating the microbiome and digital health landscape and advancing our understanding of the complex issues raised by Antimicrobial Resistance. Furthermore, this cooperative synergy helped to shape strategies for navigating the dynamic landscape of resistance patterns.”

*Dr. Lenah Mukhtar, Chief Lab Researcher, AMR reference laboratory, Saudi Food & Drug Administration, Saudi Arabia*





IFPMA<sup>3</sup> (Geneva, CH), FIND<sup>4</sup> (Geneva, CH), Evotec (Lyon, France), bioMérieux (Lyon, France), BD<sup>5</sup> (Franklin Lakes, New Jersey, United States), Antimicrobial Resistance Fighter Coalition (Franklin Lakes, New Jersey, United States), Pfizer (New York City, NY, USA), UNICEF<sup>6</sup> (New York City, NY, USA), CARB-X<sup>7</sup>, Innovate UK (London, UK), BSAC<sup>8</sup> (Manchester, UK), ICARS<sup>9</sup> (Copenhagen, Denmark), CIDRAP<sup>10</sup> (Minneapolis, MN, USA), AMR Action Fund (Basel, CH), LifeArc (London, UK), CSIRO<sup>11</sup> (Sydney, Australia) and other global AMR stakeholders. Meeting with these stakeholders further strengthened the link and the will to combine forces in order to curb AMR.

### **AMR Insights enhanced understanding and awareness on AMR**

For the 6<sup>th</sup> time, and together with dozens of international professors and experienced field experts, AMR Insight organised the online International Masterclass AMR 2023 and welcomed hundreds of participants from developing as well as developed countries. The aim of this masterclass was to educate and explain about AMR and the global fight against AMR. The core elements of the masterclass 2023 were education on bacteria and other micro-organisms, on antibiotics and on AMR: emergence, social impact, spread and control.

“AMR Insights is an excellent platform, providing information, educational masterclasses, and fostering global professional connections on AMR. The AMR Masterclass delivers comprehensive knowledge on the history and current developments in AMR, with insights from representatives of diverse sectors. Each year, I eagerly look forward to contributing to and gaining valuable learnings and updates through AMR Insights!”

*Usha Lamichhane, Scientific Programme Officer, Global AMR R&D Hub, Germany*

“There is our WARNING; together, with AMR Insights we can impact millions of people!”

*Dr Massimo Sartelli, Chairman Global Alliance for Infections in Surgery and Initiator of the global WARNING webinar, Italy*

**“AMR Insights brings a wealth of information on AMR to a diverse audience and creates networking opportunities that are essential in the global fight against AMR.”**

## 02. EDUCATING on AMR



“The symbiotic and synergistic collaboration between GASPH and AMR Insights embodies a very fruitful approach to partnerships and the multifaceted responses to tackling AMR at a global level. That is also why we encourage others to adopt this approach.”

*Prof Dilip Nathwani, Honorary Emeritus Professor of Infection, University of Dundee. Chairman [2008-2017] of Scotland's national clinical antimicrobial stewardship [AMS] programme-SAPG. President of the British Society for Antimicrobial Chemotherapy [BSAC] between 2015-2018, United Kingdom*

### **AMR Insights helped to improve Antimicrobial Stewardship**

In 2023 AMR Insights had regular, stimulating and actionable meetings with the Global Antimicrobial Stewardship Programme Hub (GASPH; Manchester, UK). This programme hub aims to achieve a better global implementation of antimicrobial stewardship by sharing educational materials. AMR Insights is one of the founding partners of GASPH. It is good to notice that its educational materials are indeed shared through this programme hub.

### **AMR Insights helped to showcase how global AMR stakeholders add to curbing AMR**

In 2023 AMR Insights organised, for the third time, the 24-hour online relay event AMRelay 2023. The aim of AMRelay is to generate more attention to AMR. From all over the world, public and private AMR stakeholders contributed to this online event with videos, interviews, forum discussions and patients stories. A heart-warming event explaining how the involved stakeholders add to the curbing of AMR.

“In 2023, AMR Insights represented an excellent opportunity to connect globally with people and organisations of various kinds: scientific and technological companies, universities, research centres, governmental and non-governmental organisations, making a common front against Antimicrobial Resistance. AMR Insights showed at AMRelay 2023 a beautiful collection of initiatives, research, and innovations being carried out worldwide to address, manage, and control AMR, which undoubtedly pushes the limits of knowledge in the AMR arena. On a personal level, AMRelay 2023 allowed me to learn the true drama of people suffering from infections that are not susceptible to antimicrobial treatment. Thanks to AMR Insights and AMRelay!”

*Prof Elena Maria, Research Professor at the Universidad Autónoma de Sinaloa, Mexico*

**“The AMR Masterclass delivers comprehensive knowledge on the history and current developments in AMR, with insights from representatives of diverse sectors.”**





“It was a pleasure to work with AMR Insights on the AMRelay 2023 event – 24 hours of raising voices, learning from each other, and elevating the urgency of efforts to combat drug-resistant infections. It is not just the programs, projects, and policies that are important – it is the people that are dedicating their passion. The AMRelay provides a platform for discussions and recognition for these passionate people. Thanks AMR Insights for hosting such a powerful event during WAAW 2023.”

*Diane Flayhart, Global Public Health, Director, Antimicrobial Resistance at Becton, Dickinson and Company (BD) and lead Antimicrobial Resistance Fighter Coalition, NJ, USA*

“The Young Innovators of Medicines (YIM) – representing 40 Dutch pharmaceutical companies – had a very effective collaboration with AMR Insights, focusing on how to improve the AMR innovation climate. Through working with AMR Insights, and Maarten specifically, we gained access to an important network of stakeholders focusing on curbing AMR.”

*Joep Meeuwissen, Brand & Customer Manager Oncology, MSD, The Netherlands*



### 03. CONNECTING AMR professionals

“In 2023, AMR Insights offered our early stage company community and camaraderie through engaging programming (such as the *ADTCA*). These offerings have been invaluable for our small company by keeping us abreast of potential partnership opportunities and technology advancement in the field, and emboldening us to continue our mission in the fight against AMR.”

*Tara DeBoer, CEO BioAMP Diagnostics, San Carlos, CA, USA*

#### **AMR Insights boosted joint innovation and international collaboration to combat AMR**

On November 16 & 17 Emerging Antimicrobials and Diagnostics (*EADA*) 2023 took place in Amsterdam, The Netherlands. This International Matchmaking symposium was organised by AMR Insights, together with Innovate UK and the Young Innovators of Medicines, a subdivision of the Netherlands Society Innovative Medicines. With keynote lectures, panel discussions, a record number of 150 successful 1:1 partnering sessions and a meaningful closing session on innovation and antibiotics, AMR Insights looks back on a successful 6<sup>th</sup> edition of EADA 2023.

Earlier in 2023, on June 22 & 23, the online, International Matchmaking Symposium Advancing Data Technologies to Corner AMR (*ADTCA*) 2023 took place. This online event was also organised by AMR Insights together with Innovative UK. During this event the possibilities of AI, deep learning and other data technologies to curb AMR were explored. This was the 5<sup>th</sup> edition of ADTCA.

“AMR Insights, as a global platform focussed on AMR, has been instrumental in fostering collaborations between C-CAMP and diverse AMR stakeholders. Thanks to AMR Insights we were able to connect and share resources with other AMR stakeholders. And we keep on building on and learning from these relationships.”

*Dr. Taslimarif Saiyed, Director and CEO Centre for Cellular and Molecular Platforms (C-CAMP); Bangalore, India*

“AMR Insights served as a central hub and connecting force for BSI to a global network of AMR experts, particularly ones that have expertise in the environmental pillar, leading to collaborative partnerships to combat the threat of AMR.”

*Courtney Soulsby, Global Director, Healthcare and Life Sciences Sector, BSI Group, United Kingdom*

**“These offerings have been invaluable for our small company by keeping us abreast of potential partnership opportunities and technology advancement in the field, and emboldening us to continue our mission in the fight against AMR.”**

## "AMR Insights provided crucial inputs and support to the Innovate UK Global Business Innovation Program to Germany and its Global Expert Mission to India."

AMR Insights worked with Innovate UK on developing and exploring new collaborations between UK businesses and companies in Germany and Switzerland as part of its Global Business Innovation Programme (GBIP) and as part of its Global Expert Mission (GEM) in India. Under the GBIP AMR Insights and the participating UK businesses met with AMR companies in the German cities of Munich and Stuttgart and attended the AMR Conference in Basel, Switzerland, on March 16 & 17.

As part of the GEM to India the UK delegation and AMR Insights visited C-CAMP<sup>12</sup> and Bangalore Bio-innovation Centre in Bangalore (*Karnataka, India*) and SRM University AP in Vijayawada (*Andhra Pradesh*). At SRM AMR Insights was the co-organiser of the earlier mentioned ICAFA 2023 event. AMR Insights was honoured to be one of the keynote lecturers at ICAFA 2023. The event also marked the signing of a Memorandum of Understanding between AMR Insights, Nitte University (*Mangalore, Karnataka*) and SRM University AP as well as the global launch of the ESKAPE EXPLORE dashboard. At the request of Innovate UK, AMR Insights, together with a team of UK AMR experts, drafted the strategic plan for the collaboration between the UK and India on AMR within the One Health concept.

To further extend its global networks AMR Insights attended the meeting of the Global Leaders Group on Antimicrobial Resistance (GLG) on April 14, as well as the ECCMID 2023 conference on April 15 and 16, which were both held in Copenhagen, Denmark. At the end of 2023 AMR Insights also joined online the global WHO AMR Exchange Community Platform.

### **AMR Insights supported the development of emerging AMR Diagnostics**

AMR Insights was actively involved in the JPIAMR<sup>13</sup> funded research network Bench, Bedside, Business, and Beyond (B2B2B). This network aims to support the development of new AMR diagnostics globally.

"Innovate UK recognises that that the silent pandemic AMR is a multifaceted problem and is not something that one nation or organisation can address alone. As a consequence, Innovate UK recognised that UK businesses need to collaborate with other international experts to successfully address this significant threat to global health and stability. Therefore in 2023 Innovate UK again chose to work with AMR Insights to maximise its efforts utilising the networks and expertise that it provides. AMR Insights provided crucial inputs and support to its Global Business Innovation Program to Germany and its Global Expert Mission to India. Both of these have already resulted in increased collaboration and potential new solutions. Innovate UK was also pleased to support the in person event EADA 2023 this year that resulted in great networking opportunities and highlighted some of the UKs AMR expertise including the new £30M PACE initiative that offers global funding to help to translate new antimicrobials and diagnostics along the developmental pathway."

*Dr Phil Packer, Innovation Lead AMR & Vaccines, Health and Life Sciences & Innovate UK, UK SRO for PACE, United Kingdom*

"As a committed partner, we at Molzym are very proud to support AMR Insights in raising awareness on Antimicrobial Resistance and the associated challenges. AMR Insights regularly provides comprehensive information on developments and trends and brings people together for a better exchange of knowledge. The world needs more engagement of this kind."

*Marina Linow, Head of Marketing, Product Manager Research & Diagnostics, Molzym GmbH & Co.KG*



Aim 1 of the network is the development of a technology directory for emerging AMR Diagnostics. For this aim 1 it was decided to use the existing AMR Insights technology directory to unlock and globally visualise the globally emerging AMR diagnostics. Aim 1 is led by AMR Insights and Imperial College London University.

### **AMR Insights welcomed new, strong partners for AMR Insights**

AMR Insights was very pleased and proud to welcome in 2023 its new partners IHMA<sup>14</sup> (Schaumburg, IL, USA), Bangalore Bioinnovation Centre (Bangalore, Karnataka, India), LifeArc (London, UK) and BSI Group<sup>15</sup>, (London, UK)! AMR Insights is also very pleased to continue its partnership with the Antimicrobial Resistance Fighter Coalition, Becton Dickinson & Company (USA), IFPMA and Molzym (Bremen, Germany)! Thanks to these partnerships AMR Insights is able to continue the global fight against AMR.

“The AMRelay 2023, organised by AMR Insights, gave us the opportunity to present Microvioma and come into contact with other participants. This had led to several constructive collaborations. Also it has opened doors for collaborations with the Bangalore Bioinnovation Centre and the Rotary Club of Bangalore to advance their flagship antimicrobial stewardship program AMR Action Collaborative Engagement (AMRACE).”

*Dr Maneesh Paul, CEO Microvioma and member Rotary Club Bangalore, Bangalore, India*

“AMR Insights is not only a fantastic way to keep abreast of the latest scientific developments in the AMR field via the regular newsletter, and stay in touch with the AMR community via its events such as ADTCA and EADA. It is also an outstanding partner for an initiative spearheaded by the B2B2B network I coordinate, which tries to collect information on all AMR diagnostics developers and make it available via the AMR Insights’ technology pages.”

*Dr Leonid Chindelevitch, Lecturer in Infectious Disease Epidemiology, Imperial College London, United Kingdom*





## 04. Ambassador Network

“The AMR Insights’ Ambassador Network provides a unique platform to combine our knowledge, abilities and experience collectively and unconditionally through the amazingly united, multinational group of professionals who do not mind borders but target one goal: Reduction of AMR.”

*Dr Rohini Wadanamby, Consultant Clinical Microbiologist at Lanka Hospital Diagnostics, Sri Lanka*

“AMR Insights was fundamental to building collaboration and professional strengthening in the development of research applied to a global public health problem, of greater relevance to Mexico, due to its magnitude and relevant AMR data. I am grateful for the opportunity and experience of collaborating with AMR Insights.”

*Dr Angel Betanzos, Center for Research on Infectious Diseases, National Institute of Public Health, Mexico*

The number of Ambassadors continued to grow in 2023 and AMR Insights is proud to now have more than 600 (!) Ambassadors in over 65 countries. In order to keep the Ambassadors informed on all developments in 2023 AMR Insights shared six newsletters to all AMR Insights Ambassadors. These Ambassador Updates inform Ambassadors on the new members and running projects.

### **Ambassador project: Improving Antimicrobial Stewardship**

With a team of Ambassador co-investigators, AMR Insights successfully completed and reported the retrospective, multi-country study ‘Bacterial Infections and Antimicrobial Resistance in the Era of the COVID-19 Pandemic; A Multi-Country Retrospective Analysis’. The purpose of this MERCK funded study was to investigate the (mis)use of

“AMR Insights is an excellent way to keep up to date on AMR developments and acts as a great knowledge sharing platform. The internationally established AMR Masterclass is such an example. Through this masterclass I have been privileged to share the great strides made by manufacturing members of the AMR Industry Alliance to minimize environmental emissions of antibiotics from manufacturing supply chains.”

*Dr Steve Brooks, Advisor and Manufacturing Work Group Lead, AMR Industry Alliance, USA*



**"The AMR Insights' Ambassador Network provides a unique platform to combine our knowledge, abilities and experience collectively and unconditionally through the amazingly united, multinational group of professionals who do not mind borders but target one goal: Reduction of AMR."**

antibiotics by hospitalised COVID-19 patients. The study was performed in two high income countries (Spain, USA), two upper middle-income countries (Mexico, South Africa), and two lower middle-income countries (Sri Lanka, India).

**Ambassador project: Reducing AMR in the environment**

The presence of antibiotics in waste and surface water leads to the emergence of resistant bacteria including pathogenic bacteria. These can spread through water, contributing to the further escalation of AMR. With the Dutch Consortium Antibiotics and Pharmaceutical Residues from Water, co-founded by AMR Insights, it explored the Dutch water technology market for combating AMR in hospital waste and surface water, sewage systems and waste water treatment plants. The market analysis was commissioned by the Netherlands Enterprise Agency with the aim of exploring the potential of Dutch water technology companies to provide services to hospitals, antibiotics manufacturers and sewage treatment plants in India. AMR Insights co-organised and presented at the online webinar Chances for Water and AMR in India on June 30, 2023.

AMR Insights was also happy to co-organise an inspiring, in person meeting with the above mentioned Dutch Consortium on June 15, 2023 in Utrecht, The Netherlands. The consortium continued to grow in 2023 to 35 members and welcomed new members including Pure Blue Water, Vital Fluid, NVZA and ESPRIA.

**Ambassador project: Genomics meta-analysis ESKAPE pathogens**

Together with a dedicated team of Ambassadors, AMR Insights initiated and successfully completed a genomics meta-analysis on ESKAPE<sup>16</sup> pathogens. The ESKAPE pathogens are the leading cause of nosocomial infections throughout the world. This

"It has been a pleasure to collaborate with AMR Insight in the implementation of a study on antibiotic use during the Covid-19 pandemic. I had the opportunity and great pleasure to meet investigators and experts in infectious diseases and Antimicrobial Resistance from all over the world: China, India, Sri Lanka, South Africa, Mexico, the USA, the UK, and, of course, Spain. Working together on the project, was gratifying and gave me the opportunity to learn from all the collaborators in the project. I must make a special mention of the warmth, politeness, and contribution of Maarten during the realisation of the project. Even in difficult situations when work pressure was high you could always rely on him."

*Prof Antonio Carcas, Hospital Universitario La Paz and Universidad Autónoma de Madrid, Spain*





led to the successful development of the entirely new AMR dashboard ESKAPE EXPLORE. This new dashboard was launched on November 6 during the opening ceremony of ICAFA 2023. The involved organisations Nitte University (*Mangalore, Karnataka*), SRM University Andhra Pradesh (*India*) and AMR Insights signed a Memorandum of Understanding on the further development and global implementation of ESKAPE EXPLORER in collaboration with the Ambassador Network.

### **Ambassador project: study of (il)legal use of oral antibiotics**

In collaboration with a team of Ambassadors AMR Insights investigated and reported over the counter (OTC) sales of oral antibiotics within the participating Ambassadors countries. The objective of the study was to investigate the OTC sales of oral antibiotics and associated determinants across developed and developing countries. The OTC sales of antibiotics, although prohibited in most countries, continues to take place and adds to the further escalation of AMR.

### **Memberships by AMR Insights in 2023**

- British Society for Antimicrobial Chemotherapy (*BSAC; UK*)
- CDC AMR Challenge (*US*)
- Antimicrobial Resistance Fighter Coalition (*ARFC; US*)
- International Research Alliance for Antibiotic Discovery and Development Network (*IRAADD, Germany*)
- BactiVac (*international network of scientists and business people involved in research and development of new vaccines*)
- Global Antibiotics Resistance Foundation (*TGAR Foundation; Finland*)
- Global Antimicrobial Stewardship Programme Hub (*GASPH; Founding Partner*)
- B2B2B AMRDx (*JPIAMR research network Bench, Bedside, Business, and Beyond*)



“Thanks to the close collaboration with AMR Insights, 2023 saw multiple initiatives within the Dutch Consortium Antibiotics and Pharmaceutical Residues from Water, to connect the Water Sector with AMR specialists, which contributed to the development of technical solutions to combat AMR. Extremely important work.”

*Tom Vereijken MBA, Director European Water Stewardship, The Netherlands*

**“Another strength is its truly collaborative network of international Ambassadors. I’ve had the opportunity to work with some fabulous researchers through the Ambassadors network.”**

## 05. Preview 2024



**"In 2024 AMR Insights will introduce a new, proprietary searchable global Ambassador database which will enable Ambassadors to search, select and directly contact Ambassadors worldwide"**

2023 saw many highlights and AMR Insights achieved several major steps in the battle against Antimicrobial Resistance (AMR). For the year 2024 AMR Insights hopes to be able to set further steps in this battle.

### **The next steps for 2024, building upon the achievements in 2023, include:**

- Introducing a personalised newsletter to be sent to the subscriber by name
- Introducing, in addition to the Silver, Gold and Platinum Partnership, also the Diamond Partnership with even more benefits than the Platinum Partnership
- In 2024 AMR Insights hopes to further expand its Ambassador Network. AMR Insights will also introduce a new, proprietary searchable global Ambassador database which will enable Ambassadors to search, select and directly contact Ambassadors worldwide. Also we will introduce a new mentorship program
- AMR Insights has been invited in 2023 to join 5 research networks in the UK, The Netherlands and an international research network set up in Australia. If and when funded AMR Insights will actively contribute to the dissemination of AMR research results from these networks
- AMR Insights will again organise its International Matchmaking Symposia ADTCA 2024 (20 & 21 June), International Masterclass AMR 2024 (26 & 27 September), EADA 2024 (14 & 15 November) and AMRelay 2024 (22 November). For the online and in person matchmaking sessions we will continue to make use of the AMR Insights technology directory
- With Innovative UK, AMR Insights will co-organise a Global Business Innovation Program to Switzerland (2 - 8 March 2024) and an inward AMR Innovation Mission in the UK (2 - 7 June 2024)

## Endnotes

- 1 **WHO**; World Health Organisation
- 2 **GARDP**; Global Antibiotic Research & Development Partnership
- 3 **IFPMA**; International Federation of Pharmaceutical Manufacturers & Associations
- 4 **FIND**; Foundation for Innovative Diagnostics
- 5 **BD**; Becton Dickinson and Company
- 6 **UNICEF**; United Nations International Children's Emergency Fund
- 7 **CARB-X**; Combating Antibiotic Resistant Bacteria
- 8 **BSAC**; British Society for Antimicrobial Chemotherapy
- 9 **ICARS**; International Centre for Antimicrobial Resistance Solutions
- 10 **CIDRAP**; Center for Infectious Disease Research and Policy
- 11 **CSIRO**; Commonwealth Scientific and Industrial Research Organisation
- 12 **C-CAMP**; Centre for Cellular And Molecular Platforms
- 13 **JPIAMR**; Joint Programming Initiative on AMR
- 14 **IHMA**; International Health Management Associates
- 15 **BSI Group**; British Standards Institution
- 16 **ESKAPE**; Enterococcus faecium, Staphylococcus aureus, Klebsiella pneumoniae, Acinetobacter baumannii, Pseudomonas aeruginosa, and Enterobacter spp





## Colophon

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