

Folder eCC\_00021098 is in stage Annual\_Report\_Due

**Name of the University, Hospital, Research Institute, Academy or Ministry**

National Center for Global health and Medicine

**Name of the Division, Department, Unit, Section or Area**

AMR Clinical Reference Center

**City** Shinjuku-ku **Reference Number** JPN-98

**Title** WHO Collaborating Center for prevention, preparedness and response to Antimicrobial Resistance

**Report Year** 02-2024 to 02-2025

**1. Annual report on the agreed workplan**

**Describe progress made on the agreed workplan. For each activity, detail (1) the actions taken, (2) the outputs delivered, as well as (3) any difficulties that may have been encountered. Three responses are expected. [maximum 200 words per activity]. Indicate, if an activity has been completed previously, has not yet started or has been placed on hold.**

**Activity 1**

Title: 1. To provide support to WHO in developing and conducting training and mentoring activities for planning, development and implementation of antimicrobial stewardship and infection prevention and control activities, based on the request of WHO

Description: Member States have expressed their interest in receiving the technical support required to create capacities at national, subnational and facility level, in order to strengthen IPC and antimicrobial stewardship. The deliverables will support WHO's work with Member States towards strengthening their capacity for IPC and antimicrobial stewardship

Status: ongoing

Dr. Norio OHMAGARI, Dr. Nobuaki MATSUNAGA, Dr. Yumiko FUJITOMO, Dr. Shugo SASAKI, Dr. Shinichiro MORIOKA, and Mr. Ryuji KOIZUMI from NCGM attended the Tokyo antimicrobial resistance (AMR) One Health Conference, hosted by the Ministry of Health, Labor, and co-hosted by WPRO and SEARO (18–19 February 2025). We presented Japan's AMR Action Plan initiatives and achievements to the Western Pacific and Southeast Asian countries and reported on efforts to promote appropriate antimicrobial use. In collaboration with WPRO, we organized a poster exhibition to share AMR countermeasure progress and alignment with the UN General Assembly's high-level meeting on AMR among participating countries. WG3 highlighted concerns regarding antimicrobial use without prescriptions and reaffirmed ongoing countermeasures. Participants discussed access to antimicrobials and UHC. Dr. OHMAGARI launched the publication of "Japan's AMR response 2013-2025: Developing, implementing and evaluating national AMR action plans"; a valuable reference for other countries addressing AMR. We summarize the key lessons learned from the implementation and evaluation of Japan's National AMR Action Plan (NAP1) (2016–2020) and the development of the National AMR Action Plan (2023–2027) (NAP2).

Dr. Aki SAKURAI reviewed and provided feedback on the "Tonga Antibiotic Guidelines" at the request of WPRO (November 2024).

**Activity 2**

Title: 2. To inform WHO's work as a core member of the AMR consortium through the provision of technical inputs

Description: In order to support WHO's work as a leading participant of the AMR consortium, technical inputs in specific areas of work related to AMR are required from other institutions, which may inform the technical work conducted by WHO in such context

Status: ongoing

Dr. Norio OHMAGARI, Dr. Nobuaki MATSUNAGA, Dr. Yumiko FUJITOMO, Dr. Shugo SASAKI, Dr. Shinichiro MORIOKA, and Mr. Ryuji KOIZUMI from NCGM attended the Tokyo AMR One Health Conference, hosted by the Ministry of Health, Labor, and Welfare (18–19 February 2025). WG3 emphasized the potential issue of antimicrobial use without prescriptions and confirmed the continuation of appropriate countermeasures. Participants also discussed challenges related to access to antimicrobials and UHC.

### **Activity 3**

Title: 3. To provide technical inputs to inform WHO's work towards the development of AMR advocacy and awareness strategies and tools, to help champion AMR beyond the health sector in WPR Member States (particularly priority LMICs)

Description: The Framework for Accelerating Action to Fight Antimicrobial Resistance in the Western Pacific Region advances the formation of a movement to fight AMR as an overarching principle to mobilize mass action, underpinned by value formation – of protecting self, society and future generations. The aim is to support WHO's efforts in order to recast AMR as a political and social issue and ingrain collective behavior change through incremental, yet sustained, awareness-raising and adoption of good practices to reach a level whereby acting responsibly to combat AMR will become a societal norm and a way of life. WHO will use the technical support from the institution in order to inform its work towards the design of awareness raising strategies and strategic communication tools, to enable communities to combat AMR

Status: ongoing

Dr. Yumiko FUJITOMO and Dr. Shugo SASAKI collaborated with academic groups to translate WHO hand hygiene campaign posters and distribute them to healthcare facilities (May 2024). Consistent with the World AMR Awareness Week (WAAW) campaign, Japan has actively conducted awareness-raising activities for AMR. November is designated annually as antimicrobial resistance awareness month in Japan. Various initiatives have been implemented to enhance public awareness of AMR, including the creation of dedicated websites, distribution of posters and novelty items, and development of videos and online games (November 2024). (Source: <https://www.who.int/publications/i/item/9789290620112>)

Dr. Norio OHMAGARI and Dr. Shugo SASAKI attended the "Fourth Global High-Level Ministerial Conference on Antimicrobial Resistance" in Saudi Arabia (November 2024) (Source: [https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/kenkou\\_iryuu/kenkou/kekkaku-kansenshou/photo\\_report\\_03index.html](https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/kenkou_iryuu/kenkou/kekkaku-kansenshou/photo_report_03index.html)).

Dr. Nobuaki MATSUNAGA, Dr. Yumiko FUJITOMO, RN. Kumiko SUZUKI, Ms. Ai YONEKAWA, and Dr. Masahiro ISHIKANE reviewed and discussed the National Action Plan on Antimicrobial Resistance 2018–2022" at the request of the Ministry of Health, Bhutan (August 2024).

### **Activity 4**

Title: 4. Provision of technical support to assist WHO's work in the response to infectious disease outbreak including AMR pathogens, as requested

Description: Technical support provided by the institution will assist WHO's activities to deal with outbreak response, in particular AMR pathogens in the Western-Pacific Region

Status: ongoing

Regarding outbreak response to AMR, Dr. Norio OHMAGARI participated in the “National Workshop on Mainstreaming Antimicrobial Resistance Interventions into Primary Health Care” based on a request by WHO and ASEF in Thailand (May 2024). He provided technical advice on clinical management and infection prevention and control. In March 2025, Dr. Norio OHMAGARI will participate in an international meeting: Mainstreaming antimicrobial resistance interventions through a primary healthcare approach in Bangkok, hosted by the ASEF, to share and report the results of the ASEF mission in Thailand.

#### **Activity 5**

Title: 5. To assist WHO’s work in the provision of technical assistance to support preparedness for outbreak due to AMR pathogens, including technical assistance for IPC, AMS, diagnostic stewardship and clinical management

Description: Technical support provided by the institution will assist WHO’s efforts towards building capacities in the Western-Pacific Region on outbreak preparedness due to AMR pathogens

Status: ongoing

Dr. Norio OHMAGARI, Dr. Nobuaki MATSUBNAGA, Dr. Yumiko FUJITOMO, Dr. Shugo SASAKI, Dr. Shinichiro MORIOKA, and Mr. Ryuji KOIZUMI from NCGM attended the Tokyo AMR (Antimicrobial Resistance) One Health Conference hosted by the Ministry of Health, Labor, and Welfare (18–19 February 2025). We introduced the initiatives and achievements of Japan’s Action Plan for Antimicrobial Resistance (AMR) to countries in the Western Pacific and Southeast Asian regions of the WHO. We also reported on the progress of introducing appropriate use of antimicrobial agents to WPRO countries. WG3 highlighted the potential issue of antimicrobial use without prescriptions and confirmed the continuation of appropriate countermeasures. Participants discussed challenges related to access to antimicrobials and UHC.

#### **Activity 6**

Title: 6. To assist WHO’s work in the provision of technical assistance to support antimicrobial consumption monitoring, through capacity building for WPR Member States and by providing technical support to WHO’s activities in the contents of WPRACCS

Description: Technical expertise provided by the institution will assist WHO’s efforts towards advancing antimicrobial consumption monitoring in the WPR region to improve antimicrobial stewardship

Status: ongoing

The AMR Clinical Reference Center analyzed and submitted data on antimicrobial sales volume information for Japan to the Western Pacific Region Antimicrobial Consumption Surveillance System (WPRACSS) launched by WPRO.

## **2. Annual report on other activities requested**

**Should WHO have requested activities in addition to the agreed workplan, please describe related actions taken by your institution [maximum 200 words]. Please do not include in this report any activity done by your institution that was not requested by and agreed with WHO.**

Dr. Shinya TSUZUKI was selected for the Technical Advisory Group on the AWaRe and attended the Technical Advisory Group on the AWaRe introductory meeting” upon request by WHO (February 2025). He participated in discussions on the evaluation of the AWaRe classification.

Dr. Norio OHMAGARI was invited to the “Ministerial Side Meeting to Accelerate Action to Fight Antimicrobial Resistance in the Asia-Pacific” (May 2024) and “Meeting of the Strategic and Technical Advisory Group for Antimicrobial Resistance (STAG-AMR)” upon request by WPRO in Switzerland (June 2024).

Dr. Kei YAMAMOTO provided technical advice to update the Cambodian AMR surveillance Standard Operating Procedures, as requested by WHO and the Cambodian government. The final version was released in June 2024.

Dr. Nobuaki MATSUNAGA and Dr. Masahiro ISHIKANE participated in the WHO C C on the 14th General Programme of Work (GPW14), 2025–2028” upon request by WHO HQ (February 2024).

A telephone meeting was held by the AMR Clinical Reference Center with HQ (Dr. Insik and colleagues) for one-to-one discussions with each WHOCC (February 2025).

The AMR Clinical Reference Center discussed further collaboration with the new WHOCC TOR and activities for the next four years with a responsible officer (Dr. Nishijima) (February 2025).

### 3. Resources

**Indicate staff time spent on the implementation of activities agreed with WHO (i.e. those mentioned in questions no. 1 and no. 2 above). Do not include any data related to other activities done by your institution without the agreement of WHO. Please indicate staff time using the number of “full-day equivalents” – a day of work comprising 8 hours (e.g. 4 hours work per day for 7 days should be recorded as 3.5 full-day equivalents).**

#### Number of staff involved (either partially or fully)

Senior staff	Mid-career staff	Junior staff, PhD students
7	0	0

#### Number of full-day equivalents, total for all staff involved

Senior staff	Mid-career staff	Junior staff, PhD students
200	0	0

**Implementation of the agreed workplan activities (i.e. those mentioned in questions no. 1 and no. 2 above) normally require resources beyond staff-time, such as the use of laboratory facilities, purchasing of materials, travel, etc. Please estimate the costs of these other resources as a percentage of the total costs incurred (e.g. if you incurred costs of USD 100 and the value of your staff time was USD 50 which makes the total of USD 150, please report 33.3% and 66.7%).**

Percentage of costs associated with staff time	Percentage of costs associated with other resources	Total
50.00	50.00	100.00

### 4. Networking

**Describe any interactions or collaboration with other WHO Collaborating Centres in the context of the implementation of the agreed activities If you are part of a network of WHO Collaborating Centres, please also mention the name of the network and describe your involvement in that network [maximum 200 words].**

The AMCRC conducts surveys on the current coronavirus disease (COVID-19) status in Japan, particularly regarding AMR and antimicrobial usage associated with COVID-19, in collaboration with another WHO CC (Disease Control and Prevention Center, the National Center for Global Health and Medicine, JPN-94).

Dr. Norio OHMAGARI attended the “conference of Evidence for Action (E4A) Dialogue on Antimicrobial Resistance” in Italy (February 2024).

Dr. Masahiro ISHIKANE participated in the “1st ECCMID side event of the WHO AMR CC Network” in Spain (April 2024).

Dr. Norio OHMAGARI attended the “Strengthening Technical Partnerships to Combat Antimicrobial Resistance in the East Asia and Pacific Region and Around the World” in Japan hosted by US CDC (August 2024).

Dr. Norio OHMAGARI participated in the “The outcome from the conference “Universal Health Coverage (UHC) in an Era of Antimicrobial Resistance (AMR) and Pandemics”: AMR people centered approach & the Future of Antibiotics” in USA (September 2024).