

## **REGIONAL STRATEGY AND PLAN OF ACTION for**

## Measles and Rubella Elimination in the Western Pacific



# Regional Strategy and Plan of Action for Measles and Rubella Elimination in the Western Pacific



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#### **FOREWORD**

I am pleased to present the *Regional Strategy and Plan of Action for Measles and Rubella Elimination in the Western Pacific.* Measles and rubella are serious diseases targeted for elimination in the Western Pacific Region, principally through the use of a highly effective and safe combined vaccine.

Since 2003 when the Regional Committee resolved to eliminate measles, the Region has succeeded in dramatically reducing measles morbidity and mortality through improving access to and utilization of measles-containing vaccine, strengthening immunization programmes and establishing surveillance systems and laboratory networks. However, a regional resurgence of measles from 2013 to 2016 revealed the need to better address a number of challenges not fully covered by existing strategic and guidelines documents.

In 2015, the Technical Advisory Group for Immunization and Vaccine-Preventable Diseases in the Western Pacific Region recommended that WHO update the *Western Pacific Regional Plan of Action for Measles Elimination (2003)* to include strategies for rubella elimination and guide Member States in developing new national plans to accelerate, achieve and sustain measles and rubella elimination. After a consultative development process, the Regional Committee endorsed the *Regional Strategy and Plan of Action for Measles and Rubella Elimination in the Western Pacific* in October 2017.

This new strategy and plan of action identifies a range of actions to better address remaining challenges for measles and rubella elimination in the Western Pacific Region. The strategy and plan of action is designed to be easily adapted for development of national plans of action for achieving and sustaining measles and rubella elimination, tailored to the specific strengths, challenges and issues faced by Member States. Recent experience in the Region has shown that to achieve measles and rubella elimination will require a shared effort across the Region to strengthen the ability of health systems to achieve and sustain high immunity to measles and rubella across the whole population, and strong systems exist to prevent, detect and respond to outbreaks.

With this new approach and renewed commitment, I am confident we can reach our shared goal of eliminating these two devastating, but preventable diseases from the Region.

Shin Young-soo, MD, Ph.D.

U. Elin

Regional Director

### **ABBREVIATIONS**

**AFR** acute fever and rash

**AEFI** adverse event following immunization

**CCDC** Chinese Center for Disease Control and Prevention

CRS congenital rubella syndrome
DQS data quality self-assessment

ELISA enzyme-linked immunosorbent assay
EPI Expanded Programme on Immunization

**GSL** global specialized laboratory

**IgG** immunoglobulin G **IgM** immunoglobulin M

**IEC** information, education and communications

**IPV** inactivated poliovirus vaccine

IU international unitsJRF Joint Reporting FormLabNet laboratory network

LQAS lot quality assurance sampling MCV measles-containing vaccine

MCV1first dose of measles-containing vaccineMCV2second dose of measles-containing vaccineMMRmeasles, mumps and rubella (vaccine)MMRVmeasles, mumps, rubella and varicella vaccineMNTEmaternal and neonatal tetanus elimination

MRCV measles- and rubella-containing vaccine
 MRCV1 first dose of measles- and rubella-containing vaccine
 MRCV2 second dose of measles- and rubella-containing vaccine

MRI Measles and Rubella Initiative
 MR measles-rubella (vaccine)
 MV monovalent measles vaccine
 NMRL national measles-rubella laboratory
 NVC national verification committee

**OPV** oral poliovirus vaccine

**PAHO** Pan American Health Organization

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