

**HEALTH RESEARCH PRIORITIES FOR 12TH MALAYSIA PLAN (12MP-HRP)  
RESEARCH UPTAKE (2021-2023):**

# COMMUNICABLE DISEASES

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**HEALTH RESEARCH  
PRIORITIES FOR  
12<sup>TH</sup> MALAYSIA PLAN  
(12MP-HRP) 2021-2025**

# TECHNICAL WORKING GROUP (TWG)

## Chairperson

**Dato' Dr. Mahiran Mustafa (2021 - 2022)**

**Datuk Dr Suresh Kumar Chidambaram (2023 - 2025)**

- Datuk Dr Muhammad Radzi Abu Hassan
- Dr Rozainanee Mohd Zain
- Dr Asiah Ayob
- Dr Norazah Ahmad
- Dr Anita Suleiman
- Mr. Dzulkifli Mohamad
- Dr Thilaka Chinnayah@Nadarajah
- Dr Chong Zhou Lin
- Dr Mohd Hanif Zailani
- Datuk Dr Rose Nani Mudin
- Dr Ravindran Thayan
- Dr Jenarun Jelip
- Dr Yasmin Mohamed Gani

**COMMUNICABLE  
DISEASES**

# NATIONAL PROBLEM

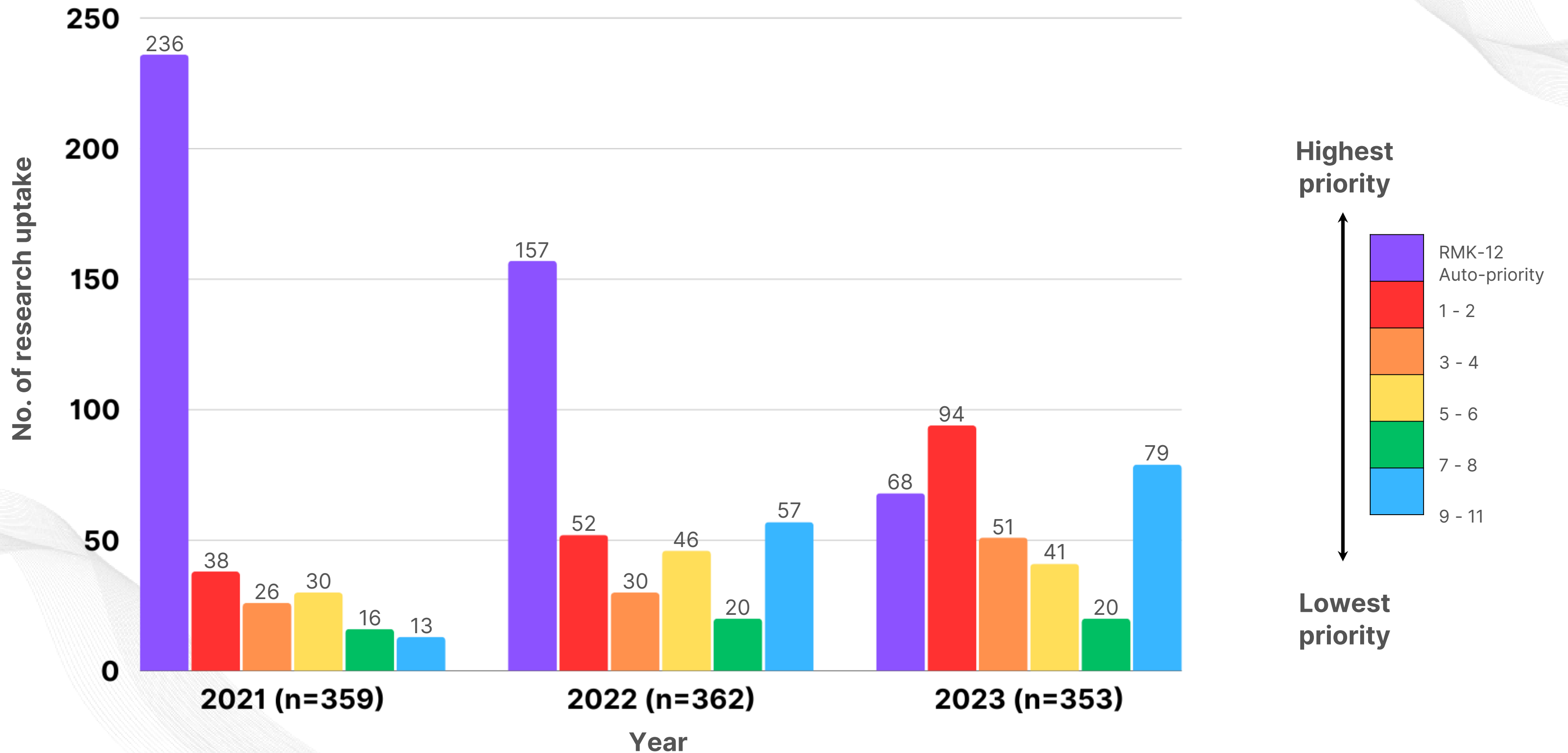
## COMMUNICABLE DISEASES

- Pandemic preparedness
- Coronavirus disease 2019 (COVID-19)
- Pneumonia/ILI/SARI
- Dengue, Mycobacterial Diseases, Hepatitis, HIV/AIDS, Meliodosis, Malaria
- Antimicrobial resistance
- Vaccine preventable bacterial disease i.e. Measles, Diphtheria, Pertussis, Rabies, Pneumococcal
- Boosting host immune responses to vaccines
- Leptospirosis
- Viral haemorrhagic fever
- None-dengue arthropod borne viruses

# RESEARCH UPTAKE 2021-2023 (N=1,074)

\*From NMRR Registration

## COMMUNICABLE DISEASES

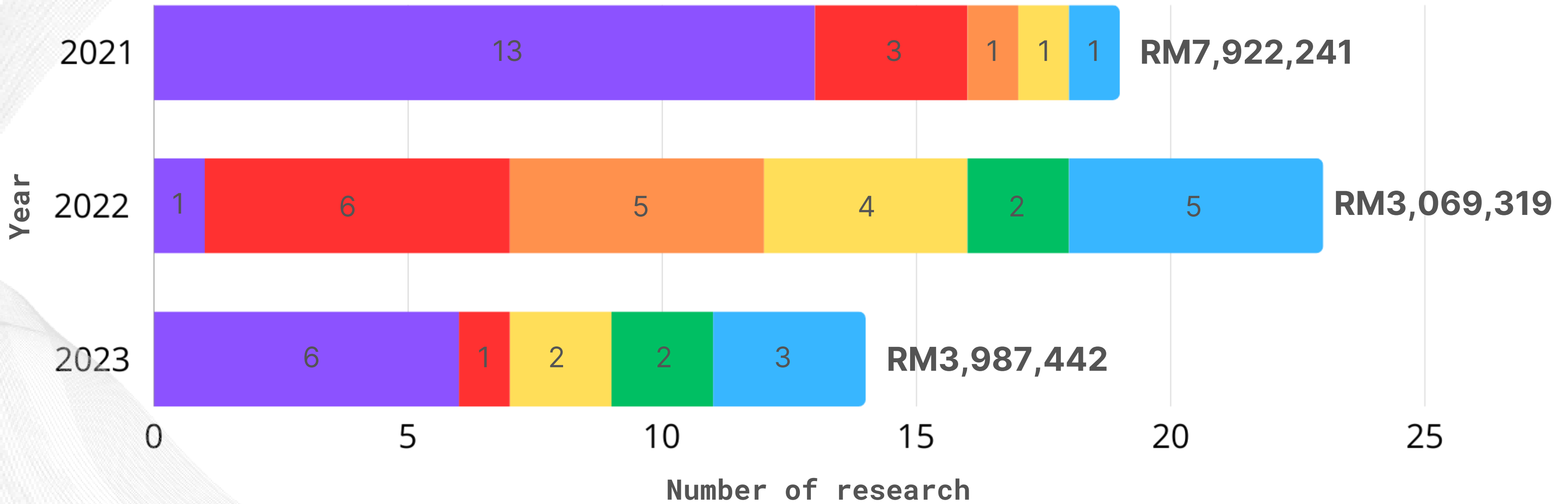


# RESEARCH UPTAKE 2021-2023

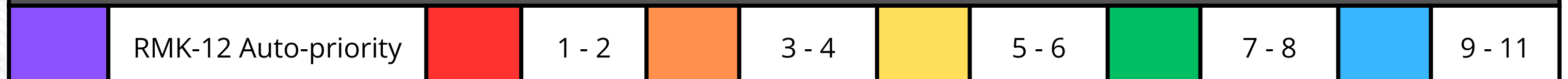
# COMMUNICABLE DISEASES

MOH Research Grant (MRG)

56/1,074 (5.2%) - RM 14,979,002



Colour Reference (from the highest rank to the lowest rank)



# COMMUNICABLE DISEASES

## SUMMARY ON RESEARCH UPTAKES (2021-2023)

2021: **highest** uptake on the **purple range** (RMK-12 auto-priority) due to COVID-19.

2022-2023: Research uptake on the **red and blue range increases:**

- Red range: Dengue, TB and Leprosy - Prevention and control, Diagnosis, Treatment
- Blue range: Cholera, Multisystem Inflammatory Syndrome (MIS), Rheumatic, Rabies, HFMD, Herpes, Sexual Transmitted Diseases, Food Poisoning, Congenital Toxoplasmy, Japanese Encephalitis (JE) - Epidemiology, Treatment, Prevention and control

Colour Reference (from the highest rank to the lowest rank)



# RECOMMENDATIONS OF RESEARCH SCOPE

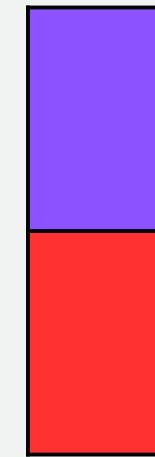
## COMMUNICABLE DISEASES

### ⚙️ PANDEMIC PREPAREDNESS

Research Scope: Development of a collaborative research network that will be ready to respond to future pandemics.

### ⚙️ DENGUE

Research Scope: Disease prognosis, survival probability & treatment



RMK-12  
Auto-priority

1 - 2

**\*Recommendations based on research uptake 2021 – 2023**





**THANK YOU**