







REGIONAL COMMITTEE FOR THE EASTERN MEDITERRANEAN

EM/RC72/R.5(D) September 2025

Seventy-second session Agenda item 5(d)

Strengthening national laboratory biosafety and biosecurity policies and frameworks in the Eastern Mediterranean Region

The Regional Committee,

Having reviewed the technical paper on strengthening national laboratory biosafety and biosecurity, policies and frameworks in the Eastern Mediterranean Region;¹

Recalling resolution WHA77.7 of the Seventy-seventh World Health Assembly on strengthening laboratory biological risk management;

Also recalling Regional Committee resolution EM/RC63/4 on a strategic framework for strengthening health laboratory services 2016–2020, and resolutions EM/RC67/R.1 and EM/RC71/R.2, which extended the timeframe of the framework;

Further recalling Regional Committee resolutions EM/RC68/R.2 on accelerating health emergency preparedness and response: a plan of action and EM/RC69/R.2 on building resilient health systems to advance universal health coverage and ensure health security in the Eastern Mediterranean Region;

Recognizing that laboratory biosafety and biosecurity are critical components of national and global health security, with the potential to significantly impact outbreak preparedness, response capacities and cross-border health risks;

Expressing concern over the continued insufficient prioritization of laboratory biosafety and biosecurity governance and the absence of comprehensive regulatory mechanisms in many countries of the Region;

Acknowledging the urgent need to address emerging and re-emerging infectious disease threats;

Recognizing the importance of comprehensive, multisectoral national policies and frameworks, aligned with the International Health Regulations (2005) and international standards, and covering the human, animal and environmental health sectors under a One Health approach;

Affirming that workforce capacity-building is not only a strategic priority but a necessary enabler of resilient health systems, in line with Regional Committee resolution EM/RC69/R.2;

¹ EM/RC72/9.

Concerned that the limited availability of regional data and evidence on laboratory biosafety and biosecurity practices hinders the development of informed, context-specific mitigation strategies;

Noting the recommendations made by Member States and other stakeholders through platforms such as the 2023 technical working group consultation on strengthening health laboratory services in the Region;

1. URGES Member States to:

- 1.1 Designate national regulatory authorities to lead the development, implementation and enforcement of laboratory biosafety and biosecurity frameworks, with appropriate mandates, resources and mechanisms for oversight, monitoring and evaluation;
- 1.2 Allocate sustainable and predictable financing for the development and/or implementation of laboratory biosafety and biosecurity systems through national budgets and strategic donor engagement;
- 1.3 Strengthen workforce capacity and resilience by investing in national training programmes and establishing a skilled, adaptable workforce equipped to manage evolving laboratory biosafety and biosecurity risks;
- 1.4 Encourage and support applied research efforts, according to the local context, to develop practical and cost-effective laboratory biosafety and biosecurity solutions, particularly in the resource-constrained countries of the Region;

2. REQUESTS the Regional Director to:

- 2.1 Provide technical assistance and capacity-building support to Member States for the development and implementation of national laboratory biosafety and biosecurity policies and regulatory frameworks;
- 2.2 Engage national authorities and international partners to support Member States in aligning their laboratory biosafety and biosecurity systems with global guidance, while remaining sensitive to country-specific contexts and capacities;
- 2.3 Work with academic institutions and global partners to advance a regional research agenda that addresses unresolved laboratory biosafety and biosecurity challenges, with particular attention to the needs of resource-constrained settings;
- 2.4 Identify and support the designation of regional WHO collaborating centres for laboratory biosafety and biosecurity to serve as hubs for knowledge sharing, training, technical expertise and cross-border coordination;
- 2.5 Report biennially to the Regional Committee on progress made in strengthening laboratory biosafety and biosecurity systems across the Region, with a final report to the 77th session of the Committee in 2030, to assess the sustainability and continued relevance of efforts.