

CONNECTING THE WORLD

BUILDING A RESILIENT FRAMEWORK FOR GLOBAL BIOSECURITY & BIOSAFETY

► IFBA Strategic Priorities 2026-2030



Advancing Initiatives Targeting Modern Biological Technologies & the Evolving Threat Landscape

Promote awareness, opportunities and responsible practices for artificial intelligence, synthetic biology and dual-use applications in biosecurity and biosafety

Provide resources and tools to enhance understanding and the mitigation of modern biological risks associated with new technologies

Facilitate international collaboration to address and respond to the evolving biological threat landscape and its associated technologies, opportunities, risks and challenges



Strategic Expansion and Enhancement of the IFBA Professional Certification Program

Expand the certification portfolio to include new technical disciplines and address emerging global issues

Implement a branding approach that identifies the technical disciplines in which individuals are certified, and differentiates between initial certification and recertification

Promote networking, collaboration, and knowledge sharing across the worldwide community of certified professionals

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Promoting and Implementing Biorisk Management Systems

Develop a worldwide understanding of ISO 35001 biorisk management systems, its processes, requirements and best practices among laboratories and stakeholders

Build a global framework for competent, reliable and consistent assessment of conformance and certification to the ISO 35001:2019 Biorisk Management System Standard

Establish an independent international accreditation body within the IFBA to assess and accredit 3rd party certification bodies that assess laboratories' conformance to ISO 35001:2019



Youth Education, Opportunities, Leadership Development and Career Pathways in Biosecurity and Biosafety

Strengthen biosecurity and biosafety career pathways through cross-sector partnerships with higher education institutions and the creation of a global database of internships and fellowships

Build a sustainable biosecurity and biosafety professional workforce through dedicated undergraduate and graduate education programs

Create and disseminate interactive, culturally relevant, biosecurity and biosafety educational materials for early childhood and youth classrooms to build foundational awareness and interest in the field



Fostering Regional Partnerships to Align Locally Relevant Approaches with Global Initiatives

Strengthen the voice and impact of associations through partnerships, shared events and joint advocacy on regional issues

Encourage association-to-association mentorship and expand the peer-to-peer mentorship program to connect experienced associations and individuals with emerging ones, fostering growth, knowledge-sharing, and collaboration

Empower member associations to uphold good standing through robust governance, effective impact analysis, oversight, and accountability measures to the IFBA



Regional Women's Networks for Biosecurity, Biosafety and Biorisk Management

Foster executive-track leadership and retention of women's meaningful participation in global biological security and disarmament

Unite regional women's biosecurity and biosafety networks to strengthen region-to-region collaboration and support their integration into global and regional biological threat reduction efforts

Disseminate and promote the use of the IFBA's DEI Implemental Tool to drive actionable interventions and enhance inclusive practices in biosecurity and biosafety workplaces



International Federation of
Biosafety Associations

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