

ISO and ISO/TC 212 Clinical laboratory testing and in vitro diagnostic test systems

**The 12th International & 17th National Congress on quality
improvement in Clinical Laboratories**

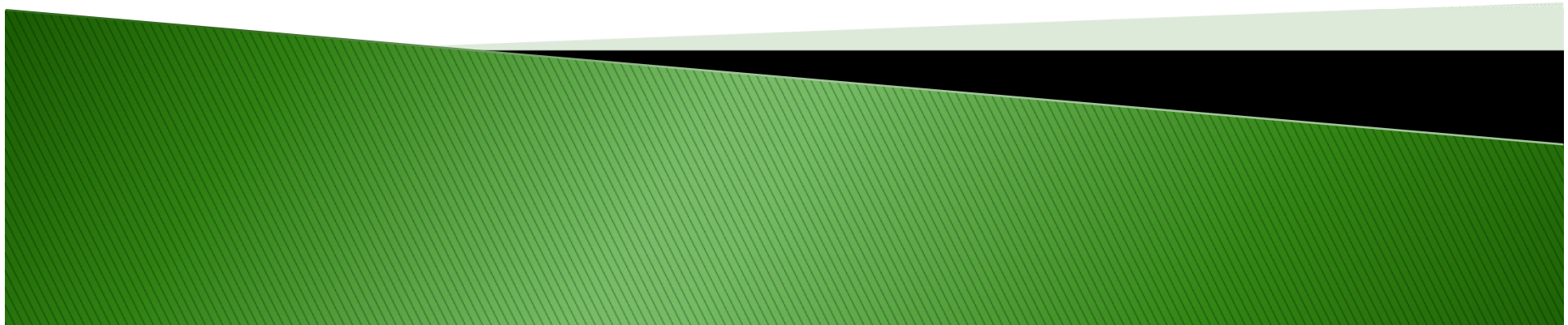
2019-04-20

Tehran, Iran

**Mojdeh Rowshan Tabari
Member of ISO Technical Management Board**

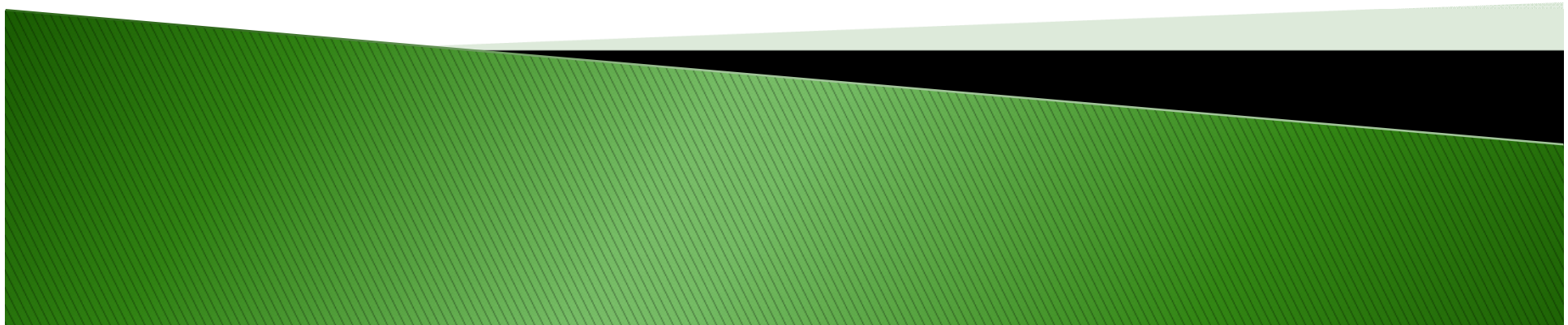
International Organization for Standardization (ISO)

- Created in 1946**
- Developed International Standards in 1947**



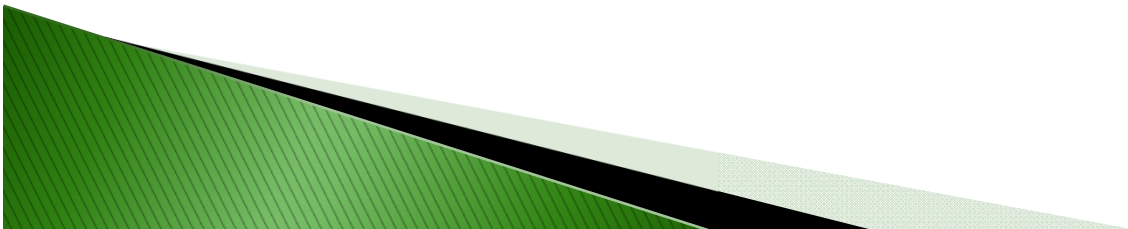
International Organization for Standardization

- Network of the 164 national standards institutes**
- The largest developer and publisher of International Standards**



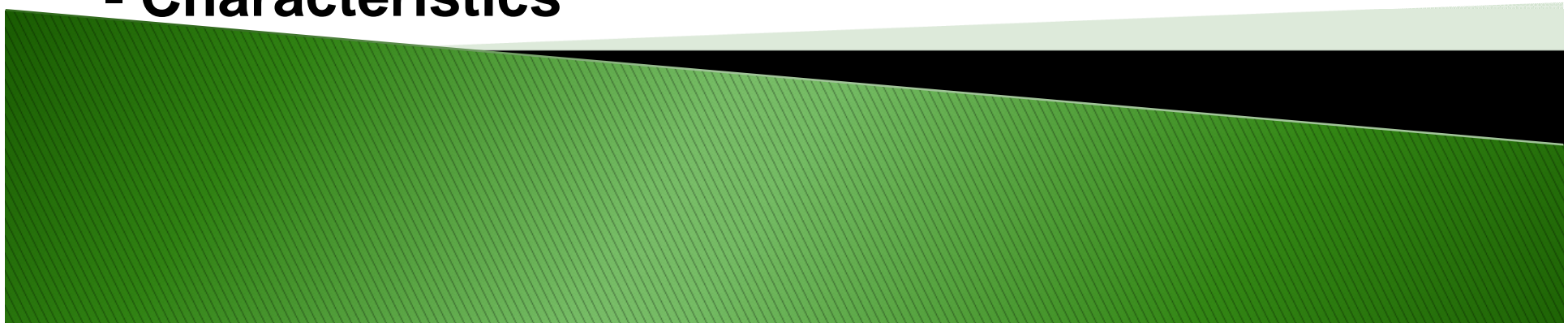
International Organization for Standardization

- Democratic way**
- low cost**
- Open to every country**
- equal duties and equal rights**

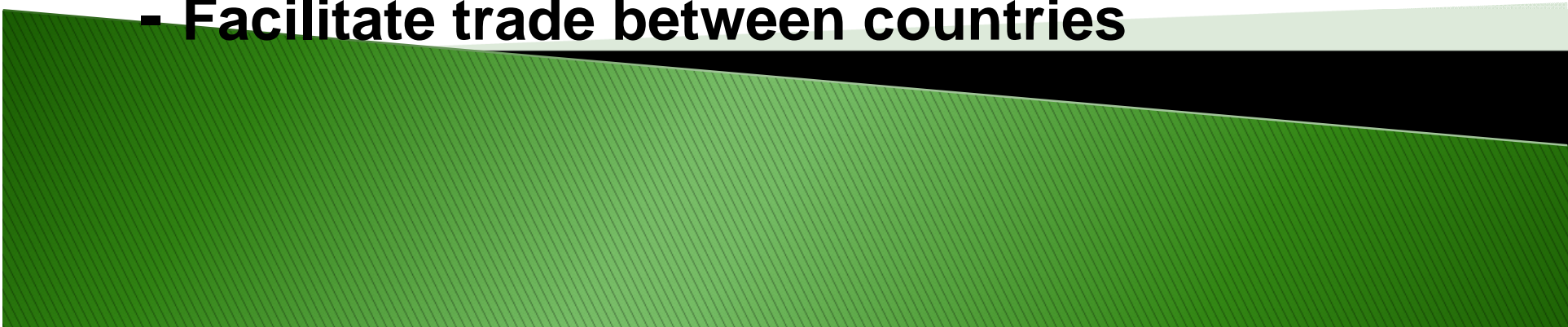


What are International standards

- Requirements
- Specifications
- Guidelines or
- Characteristics



Benefits of International Standards

- Products and services are safe, reliable and of good quality**
 - Reduce costs by minimizing waste and errors;**
 - Facilitate trade between countries**
- 

Benefits of International Standards

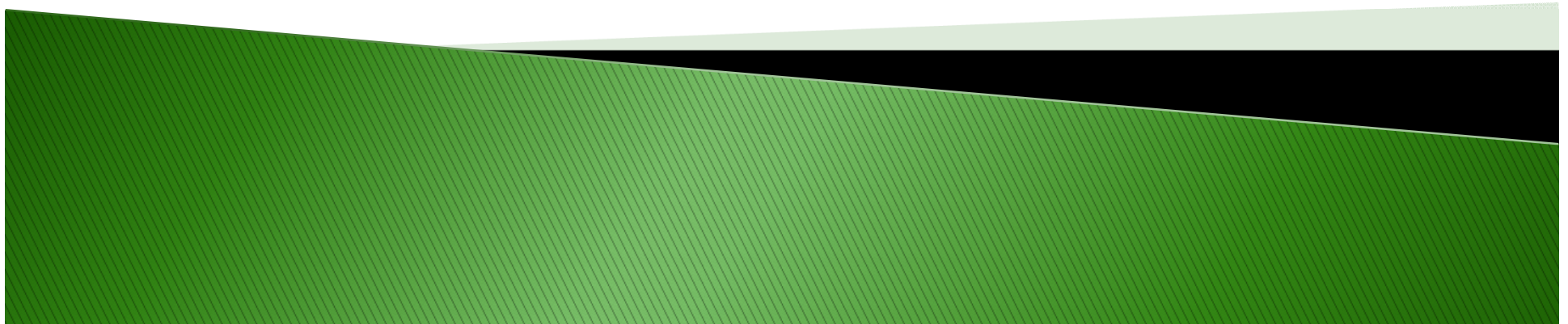
- Transferring technology**
- Gaining information**
- Passing experiences**

More confidence in

products and services

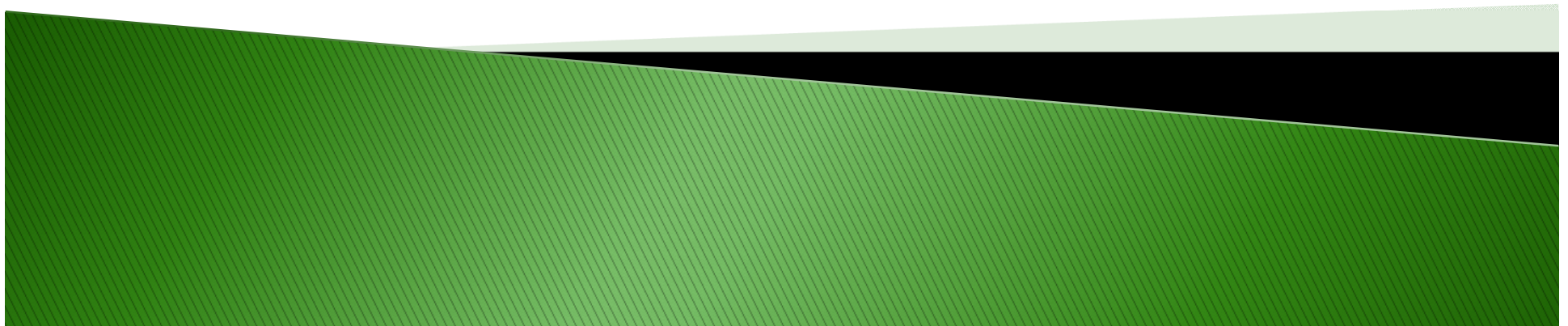
Why participation in International Standards development

**To expose information, experiences
and documents**



Why participation in International Standards development

**Industries, companies, health and lives
will be affected**



Why participation in International Standards development


understand what has been written in

ISO standards and influence the

decisions



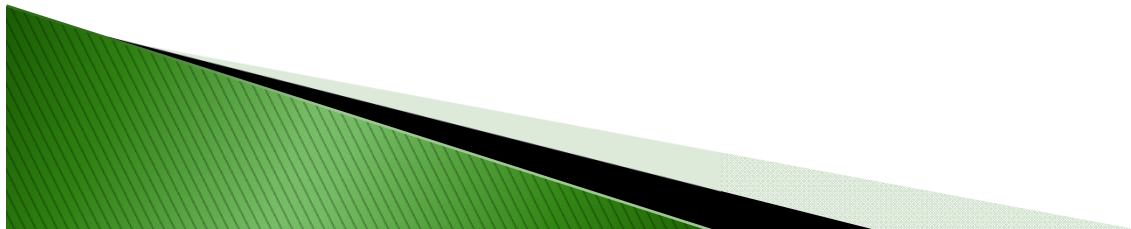
Stakeholders in international standardization

- Industry and trade associations**
 - Science and academia**
 - Consumers and consumer associations**
 - Governments and regulators**
- 

ISO in figures for the year 2017

Meetings:

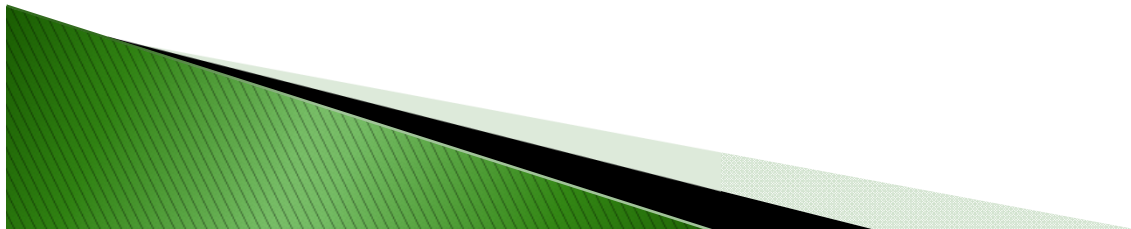
- 2784 technical meetings in 56 countries
- 205 TC meetings
- 407 SC meetings
- 2115 WG or ad hoc groups meetings



ISO in figures for the year 2017

TC structure:

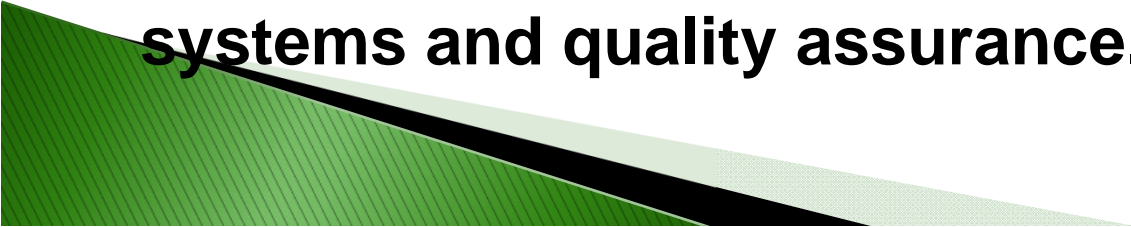
**243 TC, 505 SC, 2682 WG and 63 ad
hoc study groups**



ISO/TC 212 Clinical laboratory testing and in vitro diagnostic test systems

Scope

Standardization and guidance in the field of laboratory medicine and in vitro diagnostic test systems. This includes, for example, quality management, pre- and post-analytical procedures, analytical performance, laboratory safety, reference systems and quality assurance.



Membership

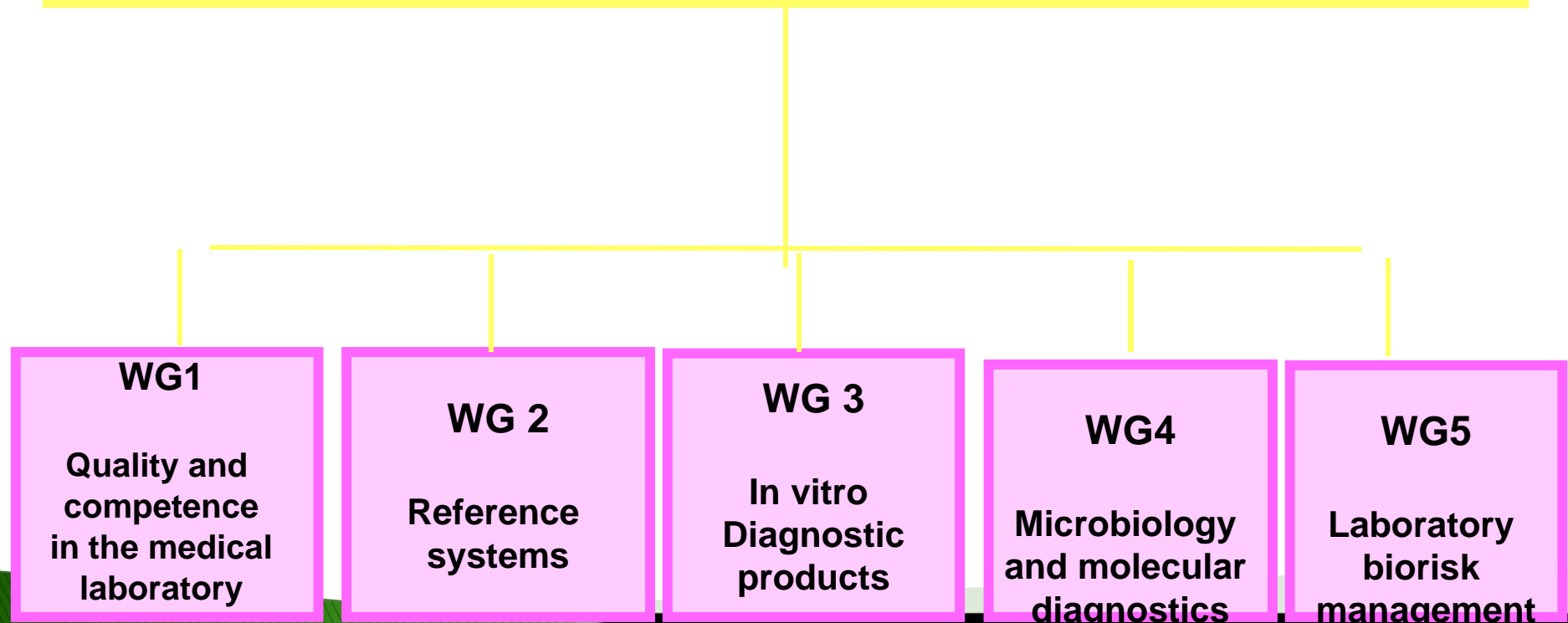
▶ **Participating Members**

▶ **Observing Members**

45

20

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ISO/TC 212 Clinical laboratory testing and in vitro diagnostic test systems

**Published ISO/TC
212 standards**

34

**ISO standards
under
development**

16