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اليوم العلمي السنوي
للمختبرات العسكرية لمراقبة الجودة

Standardization of Gluten Testing Methods in the Arab Region

Aiming for Arab Official Gluten Analysis Methods

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Objectives



To promote safe **gluten-free food alternatives** for celiac individuals.



To support robust regulatory approaches for the management of Gluten-Free foods.



To develop enablers of evidence-based decision making on Gluten-Free requirements in the Arab region.

Questions to be Answered via the Initiative



Data Generation and Collection to Support Application of Codex Guidance

- What is the level of exposure to gluten, following a gluten free diet in Arab countries?
- Is the Codex standard : 20 ppm cut-off protective enough?
- Is there enough supply of alternatives to gluten-containing foods?

Initiatives Underway

- 1 Supporting the Arab Network of Celiac Patients' Associations
- 2 Working towards Standardizing Analytical Methods for Gluten Testing
- 3 Data Supporting Food Consumption Information of Celiac Individuals and their Families
- 4 Gluten Occurrence in Gluten Free Foods either Labelled or Considered / Assumed as such



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Working towards Standardizing Analytical Methods for Gluten Testing

- Trainings on the determination of gluten in gluten-free foods using ELISA based methods.
- AOAC International / Codex Alimentarius Driven Approach.



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The screenshot shows a web interface for a course. At the top left is the logo 'learning.foodregsci' with a colorful globe icon. To its right are navigation links: 'Home', 'Dashboard', 'My courses', 'foodregsci.com', 'Feedback', and 'Mobile'. Below this is a dark blue navigation bar with white text for 'Course', 'Settings', 'Participants', 'Grades', 'Reports', and 'More' with a dropdown arrow. The main content area has a light gray background with the course title 'Determination of Gluten in Gluten-Free Food' in bold black text. In the bottom right corner of the content area, there are two logos: 'r-biopharm' and a stylized 'f' logo.

Working towards Standardizing Analytical Methods for Gluten Testing

Development of an online training material on ELISA based approaches used to test gluten in gluten-free food



Working towards Standardizing Analytical Methods for Gluten Testing

Development of Arab
Requirements for
Acceptance of Gluten
Quantitative Methods

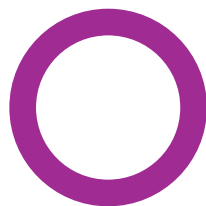
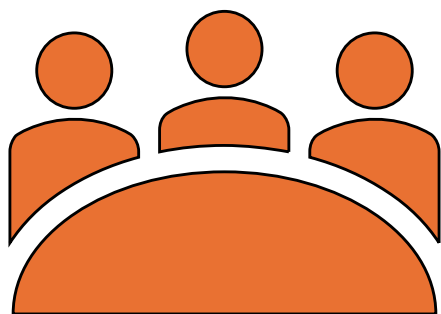


Develop a Process to
Review / Endorse
Gluten Quantitative
Methods

**Verified Gluten
Quantitative
Methods**



Advisory Working Group : Quantitative Methods for Gluten Analysis



- Endorsed by the Executive Committee of the Arab Section.
- 3 Arab analytical community representatives
- 1 External International Expert
- 2 Representatives of Arab Section leadership

Initiatives Underway

- **Data Supporting Food Consumption Information of Celiac Individuals and their Families.**
- **Gluten Occurrence in Gluten Free Foods either Labelled or Considered / Assumed as such, through the:**
 - Development and implementation of sampling plans.
 - Determination of Gluten levels through analytical testing.

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Dietary
Exposure
to Gluten

