



GLOBAL FOOD LABORATORY  
PLATFORM – **G F L P**

*A PUBLIC PRIVATE COLLABORATIVE MECHANISM  
TO PROMOTE THE DEVELOPMENT AND  
DISSEMINATION OF BEST PRACTICES IN  
FOOD LABORATORY SCIENCE  
UNDERPINNING FOOD REGULATORY MEASURES*

# Introducing the Initiative .....

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- ❑ Centre of Excellence in Food Safety Laboratory Science and Food Regulatory Science Serving Africa and the Arab Region
- ❑ Designed to Support Major Initiatives in Food Regulatory transformation: Africa, Middle East – Multi year endeavour
- ❑ Leveraging successful food safety laboratory and regulatory capacity building programs

# Four Pillars of Interventions

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## State-of-the-Art Analytical Technology Demonstration

### New Analytical Technologies

*Screening and confirmation technologies*  
*Laboratory information Management Systems*  
*Advanced state of the art laboratory instrumentation*

## Capacity Building & Training

### Food laboratory science

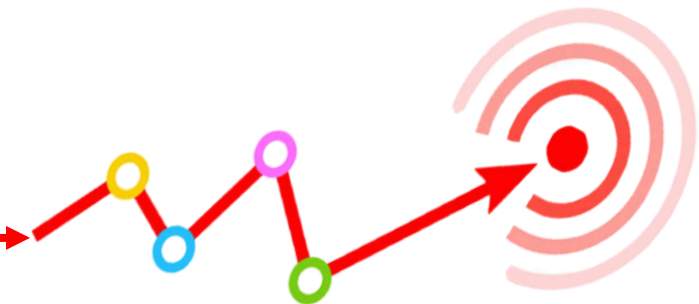
*Food regulatory science: risk assessment, risk management, regulatory policy*  
*Virtual Reality Supported environment*  
*Certified Training Anchored in Academic Credentials*

## Data & Intelligence Hub

*Food Contaminants Occurrence data*  
*Food Consumption data*  
*Monitoring, Early Warning & Foresight*

## Services

*Food analytical services*  
*Food regulatory services*  
*On-line Laboratory Instrument Supermarket Hub*





# GFLP Value Proposition

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- ❑ 100% owned by Non-for-Profit Global Organization: GForSS and Supported by AOAC Regional Sections (Arab Section/ SSA Section)
  - The 1<sup>st</sup> Centre of Excellence supporting food laboratory science.
- ❑ Anchored in an Academic Centre and Program
  - On-going Efforts to Develop Networks of Academic Partnerships
- ❑ Leveraging Partnership with AOAC International : SSA and Arab Section
- ❑ Unique collaboration with food regulators in Africa and the Middle East



# GFLP Key Resources

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- Competent & Experienced staff
- Training Content Developer and Promoter
- Partnerships with Food Regulators in Africa and the Middle East
- Partnerships with Technology Developers
- Support Offered by Funding Partners Aiming for Sustainable Operations

## ☐ Training

- In-person & virtual

## ☐ Virtual platform hosting

- Exhibition, webinars, etc.

## ☐ Data Hub

- Data Generation underpinning Food Regulatory Decisions

## ☐ Scientific Services to Regulators and Partners

## ☐ E-commerce support

- Sales & marketing of lab infrastructure, instruments, consumables & reagents.



- ❑ Training programs,
- ❑ Laboratory proficiency verification programs,
- ❑ Food occurrence data,
- ❑ Food Consumption Data Bases (and methods),
- ❑ Food monitoring programs,
- ❑ Risk assessments,
- ❑ Analysis Supporting Food Regulatory Decisions.



# GFLP – Initial Setup

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- ❑ Hub and Node Model – Starting with a Hub: Centre of Excellence in Egypt with access to serving Africa and the Middle East
- ❑ Serving the Development of Food Laboratories / Regulatory Science Regionally and Beyond.
- ❑ Aiming to:
  - Serve and support development efforts in food regulatory integration within the African Continental Free Trade Area (AcFTA).
  - Support convergence of Food Regulatory Measures in North Africa and the Middle East.
  - Contribute to Science and Technology solutions addressing **climate change**.





- ☐ In-kind contribution from Technology Providers.
- ☐ Operational support from development initiatives.
- ☐ Sustaining by offering pay-for-fee services in training and in food regulatory advisory services
- ☐ E-commerce of technologies, goods and services.





**Owen Fraser**, President AOAC SSA, Robust Experience in Set-Up and Operations of Food Laboratory Settings (e.g., Nestlé Quality Assurance Centre in Abidjan Côte d'Ivoire), Network Developer and Major Food Analytical Expert / Influencer



**John Bee**, Leading Food Science and Regulatory Affairs Expert, Corporate Communication and leadership in Capacity Building in Africa and Internationally



**Samuel Godefroy**, Former Senior Regulator, Professor ULaval, Quebec, Canada, Co-founder and President GFORSS, Partnership Developer and Robust Experience in Food Regulatory Science Capacity Building in Africa, MENA, the Caribbean and Asia

- ❑ Confirming Partnerships,
- ❑ Seeking Support from Partners Organizations:
  - African Union
  - Continued Engagement with Development Partners : US DA, US AID etc...
- ❑ Identification of Hosting Site
- ❑ Development of Costing for the Initial Set-up and a Feasibility Study for Sustainable Operations:
  - Analysis of Options for Sustainable Operations

