

(Theme: Revolutionizing the Food Safety for a Safe and Secure Future)

Summary

The International Conference on Food Safety & Regulatory Measures (Food Safety-2015) to be held in Birmingham from August 17th to 19th, 2015. Food Safety is a public health priority; millions of people fall ill every year and many die as a result of eating unsafe food. Serious outbreaks of foodborne disease have been documented on every continent in the past decade, and in many countries rates of illnesses are increasing significantly. Food Fraud is a global issue concerning the Food Regulation worldwide for the public health and safety perspective morally. OMICS International organizes 300+ Conferences Every Year across USA, Europe & Asia with support from 1000 more scientific societies and Publishes 400+ Open access journals which contains over 30000 eminent personalities, reputed scientists as editorial board members.

The food safety testing market is projected to reach \$4.07 billion by 2018. Pathogens have been the leading cause of foodborne poisoning or illness. In 2012, pathogen testing dominated the food safety testing market in which salmonella testing accounted for the major share. Increasing food contamination and outbreak of Shiga toxin-producing E. coli (STEC) poisoning in Germany is expected to increase E. coli testing in the market. Germany dominated the market and is projected to be the fastest growing European food safety testing market followed by United Kingdom.

For more details please visit- <http://foodsafety-hygiene.conferenceseries.com>

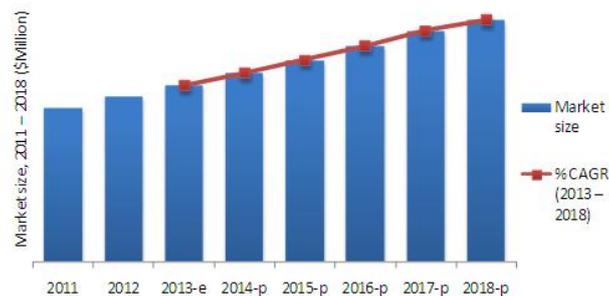


Figure 2: Market by Geography

Importance and Scope

Food Safety-2015 is designed to address all food safety sectors from farm to consumption and related scientific communities with respect to food control and hygiene. It shall provide with all levels of awareness, expertise and proactive solutions to create global impact in this field. It shall incorporate new advances and discoveries in food safety procedures in all related food, beverage, catering industry business model. It targets to Influence Industries to minimize losses and maximize their yield and profit through the application of strategic techniques while adapting to novel food safety techniques. It provides emphasis on Environmental, Public and General Consumer Health.

There is a demand of more safe systems of obtaining, producing, distribution and consumption of food, which requires more regulation and infrastructure at all levels of Food supply chains. It's very important to determine how the growth of Populations and changing lifestyles has brought great demand for more safe food, with new and fast spreading food borne illnesses globally. There is an importance of developing all safe food procedures transparent for the consumers.

"Keep Food Safe!-Prevention is better than cure!" is our prime quote and goal of this conference.

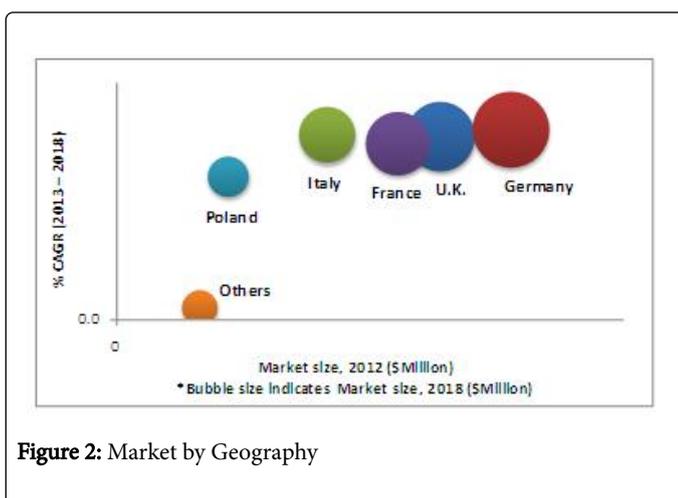
Why Europe?

In Europe, rapid technology market for contaminant testing has been increasing as they are less time consuming. In a continent like Europe, scope of such field is immense and huge due to an influence of many regulatory bodies in food and allied industries. Multicultural metropolitan society that has different food related businesses around the world. Research and innovation at all levels of food and retail industry. There is easier access for food safety professionals all around the globe. Presence of Institutes, Companies and Societies like:

- Chartered Institute of Environmental Health (CIEH)
- Highfield Awarding Body for Compliance (HABC)
- Royal Society for Public Health (RSPH)
- Food Safety System Certification 22000 (FSSC 22000)
- International Organization for Standardization (ISO 22000)
- National Sanitation Foundation (NSF)

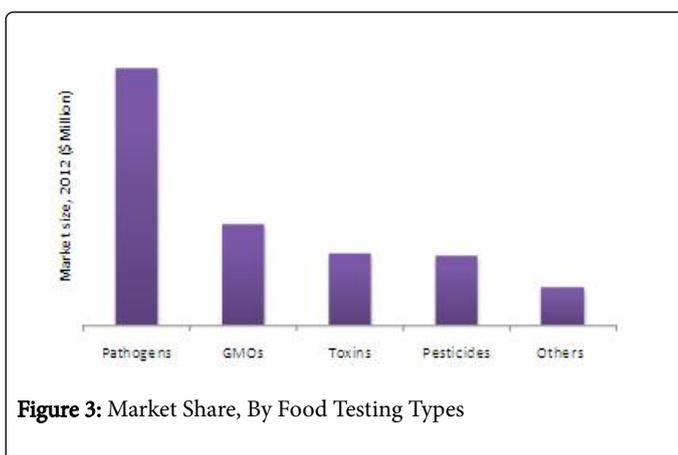
These provide different standard certifications and awards after training to all levels of sectors engaged with agriculture, aquaculture, food and beverage industries, catering, retail, and import and export businesses worldwide. Horse meat scandal in UK and milk and many more food scandals in China have created more importance to food

safety. We can form a bridge with industry peers, share knowledge in plenary and break-out sessions. Spread of genetic food culture has rose the questions of more intense ways to handle “genetic food safety” Foodomics, Novel foods and food Nano-materials and new methodologies that are incorporating research from advanced analytical techniques (mainly omics tools), and bioinformatics are combined. The development of genomics, transcriptomics, proteomics, and metabolomics has given rise to extraordinary opportunities for increasing our understanding about different food safety issues that can now be addressed by Foodomics. Companies and Governments lose in billions, if food borne illness is widespread and food scams and scandals are exposed¹. This may also lead to bankruptcy and company shut down.



The food safety testing market is projected to grow reach to \$4,068.8 million by 2018. In 2012, Germany was the largest market for food safety testing and it is projected to be the fastest growing market in Europe. In 2012, U.K. was second largest market followed by the France. In 2012, contaminant testing in fruit and vegetable was the largest segment in European market.

Market Analysis



In 2012, pathogen testing dominated European food safety testing market followed by GMOs testing. Pathogen safety testing in food samples was dominated by salmonella testing as the largest segment. The leading market players have been using strategies such as new product/service launch to detect the presence of contaminants in the food samples to strengthen their position in the market.

- More than 200 diseases are spread by food. Diarrhoeal diseases alone kill an estimated 1.5 million children annually.
- Foodborne diseases are increasing worldwide due to increasing food chains locally and globally.
- About 75% of the new infectious diseases affecting humans over the past 10 years were caused by bacteria, viruses and other pathogens that started in animals and animal products. Many of these diseases in people are related to the handling of infected domestic and wild animals during food production.
- Food sector contribution to the economic sector of the UK is about 96.1 billion pounds. (BRC- standards 2012).
- The UK food industry has shown resilience during the economic downturn, with the agri-food sector contributing £96.1 billion a year to the UK economy. And while the total value of UK food and drink exports fell slightly in 2012 to £18.2 billion, this was still £5.6 billion more than in 2005. The industry also has ambitious plans to grow 20% by 2020.
- The value of compliance is not just about avoiding fines, or even shutdowns. And the cost of compliance is not just an investment in preventive public relations to avoid negative press and the damage it can cause.
- Today, not only regulators but retailers and operators, as well, care about compliance.
- Consumers care about compliance: Unless they trust the brand, they won't buy the product.
- If retailers, operators, and consumers see value in compliance, the distributor or manufacturer has the opportunity to promote the value of their compliance efforts.

Conference Highlights

- Impact of Food and Water Security
- Food Safety Regulatory Affairs
- Food Safety and Agronomics
- Food Preservation, Quality Standard and Food Management Systems
- Food Labeling
- Risk-Benefit
- Environmental Protection Co-Management with Food Safety
- Public Health, Food Fraud and Consumer Demand
- Challenges to Food Hygiene and Safety
- Pest Management
- Foodomics Approaches in Food Safety
- Novel Foods, Processes and Nanomaterials

Why to attend???

Food Safety-2015 could be an exceptional event that brings along a novel and International mixture of Food analysis techniques and technology, leading universities and pathology analysis establishments creating the conference an ideal platform to share expertise, foster collaborations across trade and world, and assess rising technologies across the world. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Food Safety and Regulatory Affair fields are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event:

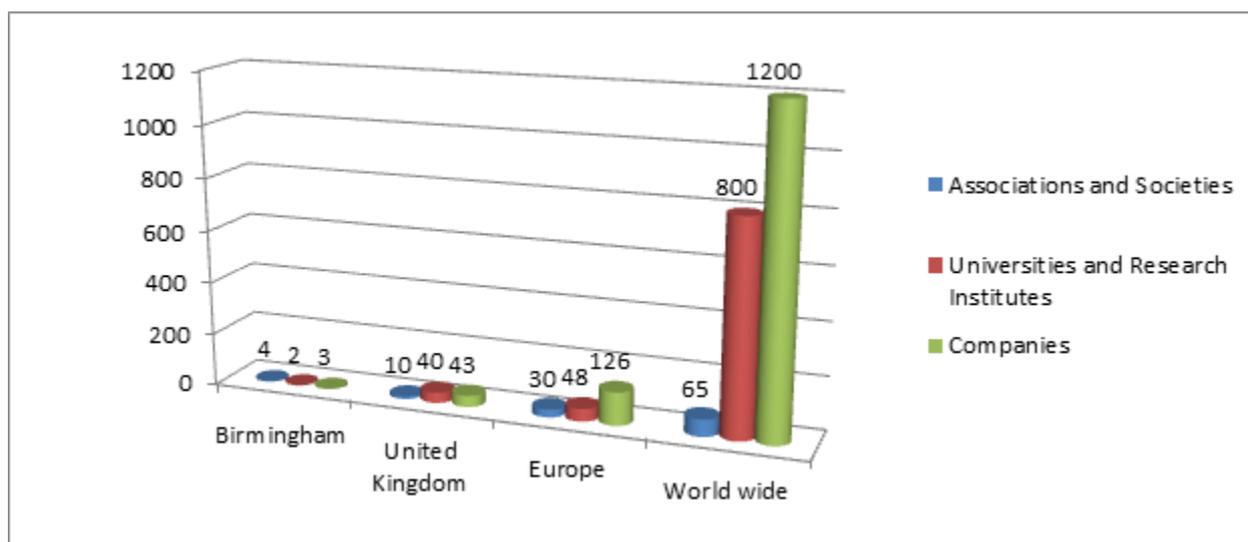


Figure 4: Statistics in Europe

Major Food Safety Associations and Societies in Europe

- The Society of Food Hygiene and Technology (SOFHT), UK
- CIEH
- Institute of Food Research
- NSF
- Department for Environment, Food and Rural Affairs, UK
- Food Standards Agency, UK
- Microbiological Safety of Food Funders Group (FSA)
- Institute of Food Research
- Health Department of the Generalitat de Catalunya, Spain
- Norwegian Food Safety Authority, Norway
- Ministry of Economic Affairs, Agriculture and Innovation, Netherlands
- Federal Ministry of Food, Agriculture and Consumer Protection, Germany
- Committee on the Environment, Public Health and Food Safety, EU
- European Food Safety Authority, EU
- Safe Foods, UK

Target Audience

Food Safety -2015 aims to bring together leading Academic scientists, NGO professionals, Food Agronomists, Food Policy makers and regulators, Researchers and Research scholars to exchange and share their experiences and research results; about all aspects of Food Safety, Nutrition, Public Health and Economic regulations. It also provides the premier interdisciplinary and multidisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Food Safety, Nutrition, Public Health and Global Economics.

Food Safety Associated Universities in Europe

In UK

- University of Birmingham
- London South Bank University
- University of Central Lancashire

- Queen's University Belfast
- University of Bristol
- Cardiff Metropolitan University
- Manchester Metropolitan University
- University of Greenwich
- Royal Agricultural University
- Royal Veterinary College
- University of Leeds
- University of Cambridge
- University of Lincoln
- University of Reading
- Glasgow Caledonian University
- King's College London
- The University of Nottingham
- Newcastle University
- University of Surrey
- University of Ulster
- Coventry University
- Northumbria University
- Robert Gordon University
- Harper Adams University
- Plymouth University
- Liverpool John Moores University
- University of Chester
- Leeds Metropolitan University
- University of Hertfordshire
- Queen Margaret University
- Sheffield Hallam University
- University of Huddersfield
- Bath Spa University
- Leeds Trinity University
- University of Westminster
- Bournemouth University
- St Mary's University College
- Oxford Brookes University
- Kingston University
- University of Roehampton

Companies Associated with Food Safety

- Hygiene Expert
- 3M
- Food Standards Agency
- Qiagen
- European Safety Bureau
- MAS Environmental
- SAI Global
- Dacom
- LGC Standards
- A-Zone Technologies Ltd
- Waters Corporation
- Microbac Ltd
- Modern Water - Monitoring Division
- RVSL Certifications Ltd.
- Bibby Scientific
- Environmental Scientifics Group
- Aura Sustainability
- Radiant Industrial Solutions, Inc.

Top Independent Commercial Food Safety Labs

- NSF International
- AGES - Austrian Agency for Health and Food Safety
- Galbraith Laboratories Inc.
- Labiotest Srl
- LRQA Limited

The following are some of the Food Safety Kits & software produced by the companies

Food Safety Kits

- Deltatrak
- Reza Hygiene
- Neogen
- InstantLabs' integrated Hunter
- Qiagen
- TwistDx

Food Safety Software

- Safefood 360°
- Food Safety Management Software – EtQ
- SafetyChain Software
- TrackWise
- N2N Global
- eFood
- FoodLogiQ

References

1. <http://www.theguardian.com/uk/horsemeat-scandal>
2. http://www.gftc.ca/pdfs/1-brc_food_safety_a_global_view.pdf
3. [http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(14\)61266-6/fulltext?rss=yes](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(14)61266-6/fulltext?rss=yes)
4. <http://www.food.gov.uk/about-us/about-the-fsa>
5. http://www.cieh.org/about_us.html
6. <http://www.cieh.org/WorkArea/showcontent.aspx?id=52448>
7. <http://www.nhs.uk/livewell/homehygiene/Pages/Homehygienehub.aspx>
8. <http://www.legislation.gov.uk/uksi/2013/2996/made/data.pdf>
9. <http://www.marketsandmarkets.com/Market-Reports/european-food-safety-testing-market-1217.html>