

د. د. محمد خيرى  
السنة عداد ٢٠١٩



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الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري

Arab Academy for Science, Technology & Maritime Transport

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رؤساء الزمان

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سعادة الاستاذ الدكتور / يوسف أحمد محمد غرباوى  
رئيس جامعة جنوب الوادي  
تحية طيبة وبعد،،،

تمسدي الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري - إحدى منظمات جامعة الدول العربية المتحدثة أسمى تحياتها لمعاهدكم.  
تقوم الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري في إطار تحالف الصناعات الغذائية الزراعية  
" الممول من أكاديمية البحث العلمي والتكنولوجيا " ويضم عدد (16) شريك محلي ما بين جامعات ومعاهد  
وشركات بتنظيم المؤتمر الدولي الأول بعنوان :



1<sup>st</sup> Food, Nutrition Security and  
Sustainable Agriculture (FNSSA)  
01 - 03 December, 2019 Cairo, Egypt

[www.food-conference.org](http://www.food-conference.org)

في الفترة من 1 - 3 ديسمبر 2019 بفندق جراند نايل تاور بالقاهرة - جمهورية مصر العربية.  
ولما كانت محاور المؤتمر من الموضوعات ذات الأولوية في الخطط البحثية للجامعات.  
لذا،

أرجو التكرم بتعميم هذا الخطاب على كليات ومعاهد جامعتكم الموقرة متطلعين لمشاركة السادة الباحثين من  
طرفكم لإثراء المؤتمر.  
علماً بأن الأبحاث المقبولة سوف تنشر في مجلد مع مؤسسة Springer وهناك أبحاث سوف تُنشر في أعداد  
خاصة من مجلات علمية عالمية مفعلة كما في صفحة المؤتمر على الانترنت.  
هاكمون لمعاهدكم حصن تعاونكم.

وتعني الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري هذه المناسبة لتعرب لمعاهدكم عن خالص تقديرها.

وتفضلوا سعادتكم بقبول فائق الاحترام ،،،

أ.د. علاء عبد الواحد عبد الباري



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## Introduction & Organizers

1st International Conference on Food & nutrition security and Sustainable Agriculture aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of, Food & Nutrition and Sustainable Agriculture.

FNSSA 2019 is premier event is jointly organized by Agro-Food Industries Alliance (funded by Academy of Scientific Research & Technology), Alexandria University, Arab Academy for Science, Technology & Maritime Transport, IEREK, Innopro Co. & Springer.

## Scope of Conference

The FNSSA 2019 conference highlighting the theme: innovations and advanced technologies in sustainable agriculture & food industries processing.

## Who should attend

Dietician's, Pharmacists, Nutritionist's, Healthcare companies, Food safety and hygiene experts, Start-up, CEOs', SMEs, private sector, business delegates, youth, researchers, academia, policy makers and entrepreneurs.

## Who should join the Exhibition?

- Researcher
- Universities and Research Institutes
- Food Industries Companies
- Pharmaceutical Companies
- Agricultural Companies
- Farms
- Start Up
- Innovators & Entrepreneurs
- Funding Agencies & Banks

## Conference Topics

### Food & Nutrition

- Role of Functional Foods on human health
- Nutraceuticals
- Food fortification & Dietary supplement
- Medicinal and Aromatic plant

### Water, Food & Energy

- Water & Energy management
- Agro-Food waste management
- Energy and Agro-Food Industries Sector

### Agro-Food Business and Food security

- Job creation / start-up
- SMEs role in Agro-Food Industries Sector
- Agro-Food Economics
- Food Industry Management
- Food Security and poverty fighting
- Agro-Food / Nutrition Alliance/Cluster
- Agro-Food Global Investment

### Industry 4.0 for Agro-Food Industry development

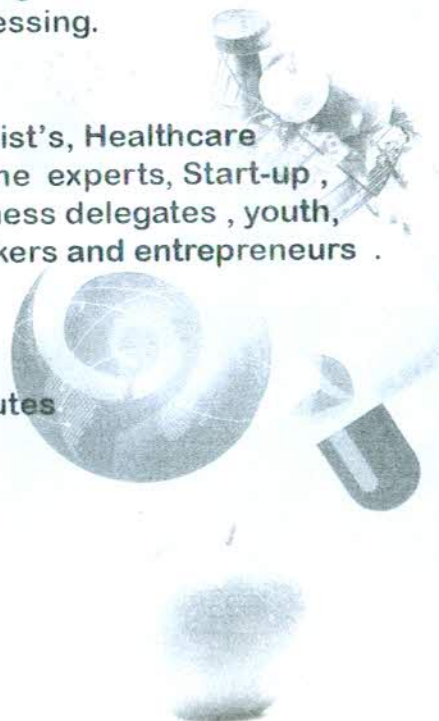
- Automation and data exchange
- Smart Packaging
- Robotics in Food Science and Agriculture
- Agricultural machinery
- Food and Bioprocess Technology

### Food Safety and Control

- Food Preservation
- Bio-Preservation & Anti-microbial
- Quality control & Sanitation

### Sustainable Agriculture

- Farming and Innovative Technologies
- Postharvest Physiology & Technology
- Organic Farming and Biological Control
- Efficient crop production
- Greenhouse & Horticulture
- Application of fertilizers & pesticides
- Animal and plant nutrition
- Horticultural produce marketing and value chains





For More Information and How to register?

**Dr. Alaa Abd Elbary**

Conference Chairperson

Vice President for Post Graduate Studies and  
Scientific Research, Arab Academy for  
Science, Technology and Maritime Transport

**Dr. Khaled ElSaadany**

Conference Co-chairperson

Coordinator of Agro-Food Industries Alliance

elsaadany12@yahoo.com

Conference Venue

Grand Hayat Hotel, Cairo, Egypt

Website: [www.food-conference.org](http://www.food-conference.org)

Email: [fnssa@food-conference.org](mailto:fnssa@food-conference.org)

Scientific Committee Coordinator:

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Partners

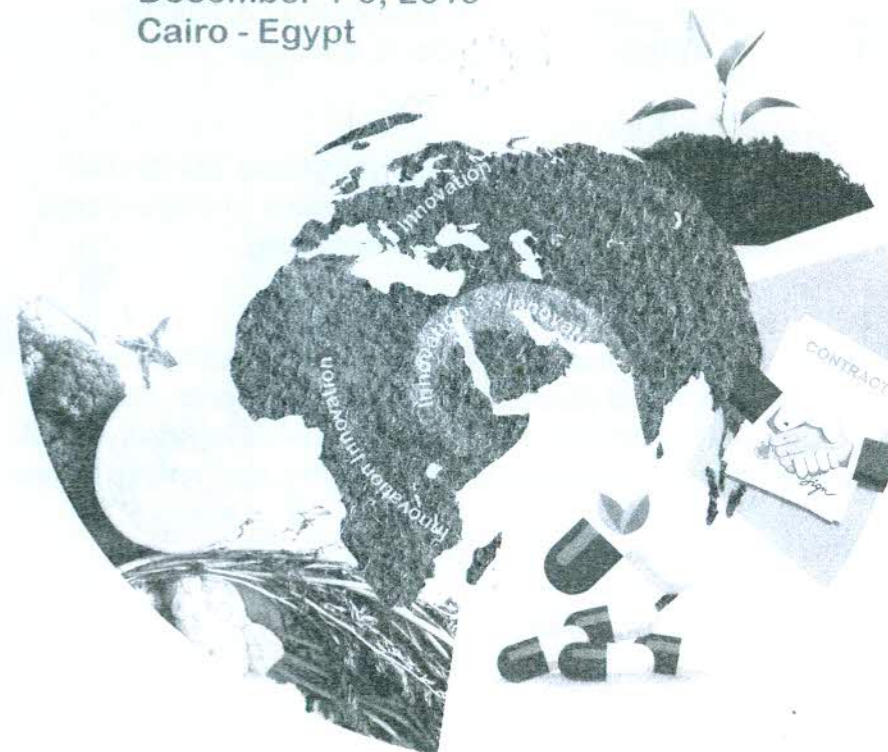


## The International Conference On Food Sustainable, Nutrition Security & Sustainable Agriculture



December 1-3, 2019

Cairo - Egypt



This alliance is funded by the Academy of Scientific Research and Technology  
under the "Egypt Research and Technology Alliances (EG-KTA) Program"





# The International Conference on: Food, Nutrition Security & Sustainable Agriculture (FNSSA)

01 - 03 December, 2019 Cairo, Egypt



## Objective of the Conference

FNSSA 2019 is the premier event being jointly organized by the Agro-Food Industries Alliance funded by Academy of Scientific Research and Technology, Alexandria University, Arab Academy for Science, Technology and Maritime Transport (AASTMT), IEREK & Springer.

The FNSSA 2019 conference will focus on the recent research and discoveries in the arena of Functional foods, nutraceuticals, Food safety, sustainable agriculture, Agro-Food Engineering, technology & Food security and offering a unique opportunity for the researchers and experts across the globe to meet, network and perceive new Scientific innovations in the field. The FNSSA 2019 conference highlighting the theme: innovations and advanced technologies in sustainable agriculture & food industries processing. The FNSSA Conference 2019 will be a great platform for the functional foods, nutraceutical experts, nutritionists, enlisted dieticians, Agriculture researchers, Food safety and hygiene experts, academic faculties, founders, CEOs, SMES, private sector, business delegates and youthful scientists to share the latest research and innovations in the field of Food, Nutrition Security and Sustainable Agriculture.

## Chairperson :

### • Prof. Dr. Alaa Abdelbary

Vice President for Post Graduate Studies and Scientific Research, Arab Academy for Science, Technology and Maritime Transport



## Co-Chairperson:

### • Dr. Khaled Elsaadany

Coordinator of Agro-food Industries Alliance



## Publishing :

- Publication in IEREK Press:- Authors will be given the chances to publish in 'ARChive'.
- Selected Manuscripts:- Will be published in a book series by Springer Nature. Publication in the springer book series, will only be applicable, to the selected papers that will be supervised by highly professional members of an international editorial board to ensure a high quality material.

### • Dr. Nabil Khélifi

Senior Editor, MENA Program Springer, a part of Springer Nature Heidelberg, Germany



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Agricultural & Forest Sciences  
(SAF)

## Conference Topics

### 1. Food & Nutrition

- Role of Functional Foods on human health
- Nutraceuticals
- Food fortification & Dietary supplement
- Medicinal and Aromatic plant

### 2. Food Safety and Control

- Food Preservation
- Bio-Preservation & Anti-microbial
- Quality control & Sanitation

### 3. Agro-Food Engineering & Technology

- Smart Packaging
- Water & Energy management
- Robotics in Food Science and Agriculture
- Agro-Food waste management
- Agricultural machinery
- Food and Bioprocess Technology
- New revolution in food industry

### 4. Agro-Food Business and Food security

- Agro-Food Economics
- Food Security and poverty fighting
- Agro-Food / Nutrition Alliance/Cluster
- Horticultural produce marketing and value chains
- The agribusiness systems pathway

### 5. Sustainable Agriculture

- Farming and Innovative Technologies
- Postharvest Physiology & Technology
- Organic Farming and Biological Control
- Efficient crop production
- Greenhouse & Horticulture
- Application of fertilizers & pesticides
- Animal and plant nutrition

## Partners

