

THEMES OF THE CONFERENCE

The food scientists and food industry professionals from different parts of the country and international institutions will present their research findings on the following issues of great concern:

- ★ Recent Advancement in Functional Foods & Nutraceuticals
- ★ Potential Functional & Nutraceutical Foods
- ★ Quality Control of Functional Foods & Nutraceuticals
- ★ Novel Extraction Strategies
- ★ Legislation Regarding Functional & Nutraceutical Foods
- ★ Innovative Processing Technologies Based Functional / Nutraceutical Products
- ★ Emerging Functional Foods and Nutraceuticals Delivery System
- ★ Probiotics & Prebiotics
- ★ Global Issues Regarding Functional & Nutraceutical Foods

CALL FOR PAPERS

In order to achieve the above said objectives we invite original research papers and key note lectures from food scientists and health professionals on the above explained themes.

IMPORTANT DATES TO TAKE NOTE:

Abstract submission deadline: October 01, 2013

Registration deadline: November 25, 2013

Conference dates: December 04-05, 2013

REGISTRATION FEE

Category	Pre-Bid	On Desk
Foreign Participant	US \$100	US \$200
Local Participant	Rs. 2000	Rs. 2500
Student	Rs. 500	Rs. 1000

ORGANIZING COMMITTEE

Patron-in-Chief

Prof. Dr. Zakir Hussain
Vice Chancellor
GC University Faisalabad

Conveners

Prof. Dr. Naureen Aziz Qureshi
Dean
Faculty of Science and Technology
GC University Faisalabad

Prof. Dr. Nighat Bhatti
Director
Institute of Home and Food Sciences
GC University Faisalabad

Prof. Dr. Surayia Zakir
Registered Nutritionist (USA)

Keynote Address

Prof. Dr. Faqir Muhammad Anjum
Director General
National Institute of Food Science & Technology
University of Agriculture, Faisalabad

G. Harvey Anderson
Professor, Nutritional Sciences and Physiology
Director, Program in Food Safety, Nutrition and Regulatory Affairs
Department of Nutritional Sciences
Faculty of Medicine, University of Toronto, Canada

Principal Organizer

Dr. Muhammad Umair Arshad
Incharge
Department of Food Science, Nutrition & Home Economics
GC University Faisalabad
Contact: 0334-0195035, email: umairfood1@gmail.com

Members

Dr. Rabia Shabir Ahmad
Dr. Muhammad Tahir Nadeem
Dr. Farhan Saeed
Dr. Muhammad Kamran Khan
Dr. Zarina Mushtaq
Dr. Muhammad Imran
Dr. Nazir Ahmad
Dr. Azmatullah Khan
Dr. Ali Imran
Dr. Adeela Yasmeen
Ms. Bushra Niaz
Mr. Aftab Ahmad

Dr. Sofia Anwar
Dr. Shahzad Ali Chatha
Dr. Nadeem Sohail
Dr. Makhdoom Hussain
Dr. Muhammad Iqbal
Dr. Qasim Ali
Dr. Hammad Raza Shah
Dr. Mohsin Bashir
Dr. Rizwan Rasheed
Mr. Muhammad Afzal
Mr. Haroon Munir
Mr. Salman Arshad
Mr. Hassan Mahmood (IT)

CONTACT

Dr. Farhan Saeed
Department of Food Science,
Nutrition & Home Economics
GC University, Faisalabad
Tel +92-333-8040311
E-mail: f.saeed@gcu.edu.pk

Dr. Ali Imran
Department of Food Science,
Nutrition & Home Economics GC
University, Faisalabad
Tel +92-333-6575582
E-mail: aliimran.ft@gmail.com



3rd International Conference

on

**“Functional Foods and
Nutraceuticals”**

and

3rd Food and Nutrition Expo

December 4-5, 2013

In collaboration with



Organized by

**Department of Food Science, Nutrition
& Home Economics**

**Government College University
Faisalabad-38000, Pakistan
Tel +92-41-9201315, Ext: 135**

FAISALABAD



Faisalabad, the Manchester of Pakistan is one of the first planned and systematic cities in the sub continent envisaged by the British Government, after the name of Sir James Lyall. Lyallpur was the first name ascribed on this fertile land of Sandal Bar. The unique bond present between the sister countries Pakistan and Saudi Arabia paved the way to rename the city after the name of our friend, late King of Saudi Arabia, King Faisal. The city is catering to the needs of more than six million people. Agriculture and industry remains the hallmark of Faisalabad with a powerful and ever developing thrust in these sectors.

GC UNIVERSITY, FAISALABAD

GC University, Faisalabad has emerged as a leading center of learning and research in a short span of time. The University with its dynamic faculty and innovative syllabi has become a catalyst of intellectual, social and industrial change. It caters to the diverse needs of society by imparting education in almost all the major fields of learning.

The GC University's journey started as a primary school in 1897 in the present building of Govt. College for Women, Karkhana Bazar, Faisalabad. It was promoted to High School and Intermediate College in 1905 and 1924 respectively. It was elevated to the degree level in 1933 and postgraduate disciplines were introduced in 1963. The long journey that started with the humble beginning reached its climax when it was granted the status of University in October 2002.

The GC University, Faisalabad has a long history of excellence and distinction as an institution. Renowned scholars and eminent personalities have served this institution in various capacities at various stages of its history. It has produced outstanding personnel who have earned great fame not only for themselves but also for the nation.



DEPARTMENT OF FOOD SCIENCE

Department of Food Science, Nutrition & Home Economics is a newly established academic and research component under the umbrella of IHFS. Currently department is producing Graduates, Masters and Ph.D scholars in field of Food Science and Nutrition. Focal research areas of department include: Nutraceutical and functional foods, waste utilization for value added food products, dairy and cereal science, fruits and vegetables, food safety, food biotechnology and community nutrition. The future perspectives of the department include producing technical personnel to meet the trained human resource requirements of the food industry as well as health sector.

FUTURE VISION

- ★ To elucidate the chemical, physical and microbiological properties of foods, and to apply this knowledge to the efficient utilization of raw ingredients for economical development and improvement of processes and packaging, leading to products of high quality and nutritional value.
- ★ To conduct research and establish new concepts which will provide consumers with safe, nutritious, economical and acceptable food products, consistent with minimal environmental impact.

3rd International Conference

on

Functional Foods & Nutraceuticals

and

3rd Food and Nutrition Expo

In contemporary nutrition, functional foods and nutraceutical are one of the most promising paradigms to tackle the dilemma of coronary complications, diabetes and different oncogenic events. Their therapeutic worth has motivated the nutritionist, researchers and consumers to adopt them as a preventive approach against different metabolic disorders. The Japanese scientists has presented the concept of functional food in 1984 after coined the nutrition, fortification, sensory satisfaction and modulation of physiological systems that approved in 1991 as Foods for Specified Health Use. A food is considered as functional if it provides some health benefits beyond basic nutrition in the body. Additionally, these foods are characterized as medicinal, nutraceutical, prescriptive and therapeutic foods. Likewise, Nutraceuticals are esteemed nutritional agents from diet having nutra-medicinal worth since primeval epoch. Their contemporary impact is unshaken by

neutralizing degenerative signs on human health. Health care burden is among the striking challenges faced by Pakistan. The rate of metabolic disorders affected people is increasing day by day at alarming rate. Currently, Pakistan is holding 6th position in terms of diabetic patients that are estimated to be about 13.85 million in the year 2030. Likewise, dyslipidemia is also spread at drastic level thus make people more prone to cardiovascular complications. To curtail the peril, along with drugs alternative strategies should bring into practice to halt the progression of these human killers. Worldwide, functional foods and nutraceuticals are in practice as second defense line against these perils, however in Pakistan this sector is not so flourished. We are lacking the innovative research tools, target oriented projects and lacking of consumer interest. So there is dyer need to escalate the importance of issue by disseminate the international information through proper channel like conferences and seminar.

The present conference will provide a mean to equip the researchers, industry and common people about the beneficial role of functional foods and nutraceuticals against life style related disorders Additionally, this conference will motivate the industry to produced and market these products that ultimately not only provide the employment but also contribute the nation economy by lessen the health care burden.

Objectives of the Conference

- To enhance the liaison between academia and industry for the development of target oriented functional and nutraceutical products
- To harmonize the national projects with international standards for functional & nutraceutical section progress
- To enhance diligence regarding the beneficial role of dietary module against different metabolic malfunctionings
- To develop the national and international bi-lateral/multilateral cooperation to explore novel means and formulations strategies regarding therapeutic products development
- To rationalize the functional foods and nutraceuticals legislation according to international standards that may help to optimize the national policy in this domain
- To highlight the pros and cons of functional foods and nutraceuticals utilization
- To investigate the therapeutic potential of cheap local resources in order to address different health related discrepancies