

Announcement  
January 2012

# 11<sup>th</sup> International Postgraduate Course on the Production and Use of Food Composition Data in Nutrition

7-17 October 2012  
Gebze-Kocaeli, Turkey

*Organized by*



TÜBİTAK MARMARA RESEARCH CENTER  
FOOD INSTITUTE

*and*



AGROTECHNOLOGY &  
FOOD SCIENCES GROUP  
WAGENINGEN UR



DIVISION OF HUMAN NUTRITION OF  
WAGENINGEN UNIVERSITY

EUROFIR AISBL

## Background

Compilations of data on the nutritional composition of foods are essential tools for nutritionists, especially those concerned with monitoring adequacy of dietary intake, for linking diet to health and disease, for planning and prescription, education, food security, and for trade, export and legislation. A ten-days training course on the production and use of food composition data in nutrition is offered by The Scientific and Technological Research Council of Turkey (TÜBİTAK), Marmara Research Center (MRC), Food Institute (FI), The Division of Human Nutrition of Wageningen University (The Netherlands), and EuroFIR AISBL, in Gebze-Kocaeli, Turkey 7-17 October 2012 (FoodComp 2012). Earlier courses in Wageningen were organised in 1992, 1994, 1996, 1998, 2001, 2003, 2005, 2007, 2009 and 2011. Regional courses were organised in Chile in 1995; in Argentina in 1996; South Africa in 1997, 1999, 2002, 2005 and 2010; in Jamaica in 2001; in Thailand in 2002, in India in 2007 and in Slovak Republic in 2006 and 2008.

## Objectives of course

The aim of FoodComp 2012 is to demonstrate how to produce, manage and use good quality food composition data in a standardized way, using harmonized procedures, so that the requirements of the multiple users of food composition data can be met. The course will be based on the philosophy that the preparation of nutritional databases requires close understanding of the needs of the users by both compilers and producers of data. The course will show how this understanding can be achieved and the benefits that flow from the collaboration of users, analysts and compilers.

## Course structure

FoodComp 2012 will be structured around the second edition of the book 'Food Composition Data, Production, Management and Use', by Dr H. Greenfield and Professor D.A.T. Southgate. The course will cover: ways in which nutritional databases are used and how these determine the range of nutrients for which values are required; stages in the production of a nutrient database; selection of foods for which nutrient values are needed; biodiversity, crop variety and nutrient composition; sampling procedures and the statistical aspects involved in sampling; choice and validation of analytical methods to give nutritionally relevant values using novel work forms such as E-learning; quality control, quality evaluation and quality management of food composition data; food description and classification. Participants will become familiar with rules for data documentation as well as structures for constructing computerised relational databases.

## Who should attend?

FoodComp 2012 is intended for those involved in nutritional database programmes as analysts, as compilers of food composition databases, and/or users who wish to have a better understanding of how databases are prepared and the constraints upon their use. The course will also be of value to those teaching nutrition and nutritional aspects of food chemistry. Applicants should hold a master degree in nutrition, epidemiology, food science, agricultural science or related field.

## Course content

The major elements of the course, which will comprise lectures, assignments, excursions, E-learning, and group work, will be:

- Requirements and use of nutrient databases at different levels
- Steps in establishing a food composition database
- Selecting and establishing priorities for including foods, nutrients and other food components in databases
- Sampling of foods
- Methods of analysis: critical evaluation and choice of methods
- Data quality (management) and evaluation
- Reviewing existing data
- Format and modes of expression
- Food nomenclature, classification and identification
- Recipe calculations
- Compilation of data
- Nutrient calculation software
- National and international activities in food composition
- Documentation and database management

## Venue and duration

FoodComp 2012 will be held at Gebze-Kocaeli, Turkey from 7-17 October 2012.

## Language

The language of the course is English. Therefore, fluent English is essential.

## Registration and course fee

Please register by completing the attached application form. The final registration date is 15 May, 2012. The number of participants is limited to 30. The course fee, including a Euro 350 non-refundable deposit, is Euro 3500. EuroFIR members and applicants affiliated to one of the regional INFOOD data centres get 10% discount. The fee covers tuition fees, accommodation and meals from 7-17 October at Gebze-Kocaeli, a copy of the handbook and other course materials. It does not cover the cost of travel to the course, medical insurance and pocket money. The fee is payable on notification of acceptance for the course. Please note that no daily subsistence allowance (DSA) will be provided.

## How to apply

All applicants should fill in the application form attached and send it together with their curriculum vitae before 15 May 2012 to the Course Secretariat.

## Fellowships

A limited number of fellowships will be available for candidates that have been admitted to the course.

## Scientific Advisory Board

- Prof Frans J. Kok, Division of Human Nutrition, Wageningen University, The Netherlands
- Dr. Sena Saklar Ayyıldız, TÜBİTAK MRC, FI, Gebze-Kocaeli, Turkey
- Dr Paul Finglas, Institute of Food Research, Norwich, UK
- Dr Ruth Charrondiere, FAO, Food and Nutrition Division, Rome, Italy
- Dr Maria Glibetic, Institute of Medical Research, University of Belgrade, Serbia

## Course directors

- Ir Paul JM Hulshof, Division of Human Nutrition, Wageningen University, The Netherlands
- Gül Biringen Löker, TÜBİTAK MRC, FI, Turkey

## Course Secretariat

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TÜBİTAK MRC FI POBox 21, 41470 Gebze-Kocaeli, Turkey

## Application form

11<sup>th</sup> International Post Graduate Course on the Production and Use of Food Composition Data in Nutrition,  
7-17 October 2012, Gebze-Kocaeli, Turkey.

Please complete and return this form **before 15 May 2012 together with your curriculum vitae** to:

Senem A. Çevikkalp, E-mail: [Senem.Akkus@mam.gov.tr](mailto:Senem.Akkus@mam.gov.tr)

TÜBİTAK MRC FI POBox 21, 41470 Gebze-Kocaeli, Turkey

The application form is also available on the EuroFIR website: <http://www.eurofir.net/>

Family name: .....First name: .....M/F.....

Work address: .....

Postal Code / City: .....

Country: .....

Telephone: .....

E-mail: .....

Position: .....

EuroFIR member: Yes/No .....Partner acronym:.....Partner number: .....

Address for correspondence: .....  
(if different from above)

Wishes to be considered for a fellowship .....YES/NO

Name and address of current employer: .....

Will your employer meet the cost of you attending the course by paying for tuition fees, travel  
and allowances ..... YES/NO  
(Please attach letter confirming the above if YES)

Invoice for tuition fees should be sent to (if not candidate, then provide name and address of person/institute  
providing funds)

- Candidate
- Employer
- Other

Declaration and signature of candidate seeking admission:

I declare that the information given on this form and in the attached **curriculum vitae** is correct. I have read and understood the arrangements for payment of tuition fees to which I will adhere. I understand that the course may be cancelled if the number of participants prove insufficient and that in such circumstances course fees will be refunded.

.....  
Date

.....  
Signature