

# Agro-food technologies: Opportunities and barriers to improving health

Friday 9 December 2005, Feringapark Hotel, Munich, Germany

## The British Nutrition Foundation

The British Nutrition Foundation (BNF) is a registered charity, which promotes the nutritional wellbeing of the population by providing balanced and objective expert opinion on current issues in nutrition.

BNF is a partner within the *Lipgene* consortium and is organising this workshop on behalf of the consortium. As the dissemination partner for this EU programme, BNF is responsible for a wide-reaching programme to raise awareness of the metabolic syndrome and to disseminate information about the *Lipgene* project and its findings.

For more information about the *Lipgene* project log onto [www.nutrition.org.uk/lipgene](http://www.nutrition.org.uk/lipgene), where you will also find a facility to register for periodic *Lipgene* updates!

For more information about **BNF** visit [www.nutrition.org.uk](http://www.nutrition.org.uk)



A *Lipgene* workshop for small-medium enterprises (SMEs), policy makers and key opinion formers to:

- highlight the potential of existing and new technologies in improving the nutritional composition of animal and plant foods to benefit health, particularly in relation to the metabolic syndrome.
- discuss the economic implications for modifying the nutritional composition of these foods.

*Lipgene* is an EU 6th Framework Programme Project focusing on the metabolic syndrome, entitled "Diet, genomics and the metabolic syndrome: an integrated nutrition, agro-food, social and economic analysis", which began in 2004 and will run until 2009. The *Lipgene* consortium comprises 25 centres across Europe funded under the Food Quality and Safety Priority of the European Commission Directorate for Research (Contract FOOD-CT-2003-505944). More information can be found on the project web site: [www.lipgene.tcd.ie](http://www.lipgene.tcd.ie)

# Programme

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Chaired by Prof. Michael Gibney, Department of Clinical Medicine, Trinity Centre for Health Sciences, Ireland.

**10:00 – 10:30** **Welcome & Introduction to the *Lipgene* project and the metabolic syndrome**  
Prof. Michael Gibney, Department of Clinical Medicine, Trinity Centre for Health Sciences, Ireland  
EC representative, Food Quality and Safety Priority, EU Commission, Brussels (to be confirmed)

**10:30 – 11:10** **Findings from the *Lipgene* economic sciences workpackage**  
Dr James Fry, LMC International, UK

## Animal nutrition – meat and milk for human consumption

**11:10 – 11:50** **The theory: The role of animal nutrition in improving the fatty acid profile of milk and meat**  
Prof. Ian Givens, Department of Agriculture, University of Reading, UK

**11:50 – 12:10** **Case study: An overview of progress on modifying the composition of meat in relation to dietary guidelines for heart health**  
Speaker to be confirmed

**12:10 – 12:30** **Case study: Adding value to milk**  
Prof. Dr Gertjan Schaafsma, Department of Human Nutrition, Wageningen University and Research Centre, The Netherlands

**12:30 – 13:00** **Discussion**

**13:00 – 14:00** **Lunch**

## Plant biotechnology

**14:00 – 14:40** **The theory: The science behind innovations in the nutritional enhancement of plants**  
Prof. Johnathan Napier, Rothamsted Research, UK

**14:40 – 15:00** **Case study: PUFA innovations for functional foods – from today's requirements to plant biotechnology**  
Dr Matthias Nachtmann, Business Development Manager, BASF Plant Science Holding, Germany

**15:00 – 15:20** **Case study: Difficulties faced when enriching foods with long chain *n-3* fatty acids**  
Dr Charlotte Jacobsen, Danish Institute for Fisheries Research, Denmark

**15:20 – 16:00** **Consumer attitudes towards functional foods**  
Dr Liisa Lahteenmaki, VTT Biotechnology, Finland

**16:00 – 16:30** **Discussion & close**

# Registration Form

Agro-food technologies: Opportunities and barriers to improving health

Registration is free of charge but tickets are limited and will be issued on a first come first served basis.

Please complete this registration form in **BLOCK CAPITALS**

Title  Name  Surname

Position  Organisation

Address

Postcode  Country

Telephone  Fax

E-mail

Lunch will be provided. Please provide details of any special dietary requirements (e.g. vegetarian)

If all tickets have been allocated, do you wish to be added to a reserve list?

Please return registration forms to:

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