

Dietary Fibre 2003

18 - 21 May 2003

*Final announcement
Programme and Registration*

NH Leeuwenhorst Hotel
Noordwijkerhout, the Netherlands

18 May 2003

AACC workshop:
Developing strategies for
health promoting grain
ingredients

Welcome

It is my great pleasure to welcome you to the Dietary Fibre 2003 Conference (DF 2003). By integrating basic nutritional science with food technology, product development, analysis and legal aspects, DF 2003 will continue the highly successful formula of the Dietary Fibre 2000 meeting in Dublin. Since then, major developments have taken place in fibre related basic research, including the genomics revolution, in new methods for rapid assessment of health related effects of compounds and diets and in the development of new products and ingredients.

DF 2003 will provide state-of-the-art insights into the role of dietary fibre in

- healthy eating and maintaining general and intestinal health
- combating major disorders such as obesity and diabetes and prevention of cancer
- performance and well-being of animals

DF 2003 will update your knowledge of

- different kinds of fibre and related compounds, such as oligosaccharides
- their role in the gastro-intestinal tract
- techniques for characterisation and for measuring health related effects
- labelling and dietary fibre related health claims

DF 2003 is the ideal platform for discussions on

- opportunities for product development for food and feed
- the benefits of individual fibres and of whole grain products
- the importance of dietary fibre as a marker for a healthy life style

There are more reasons why you can not miss DF 2003

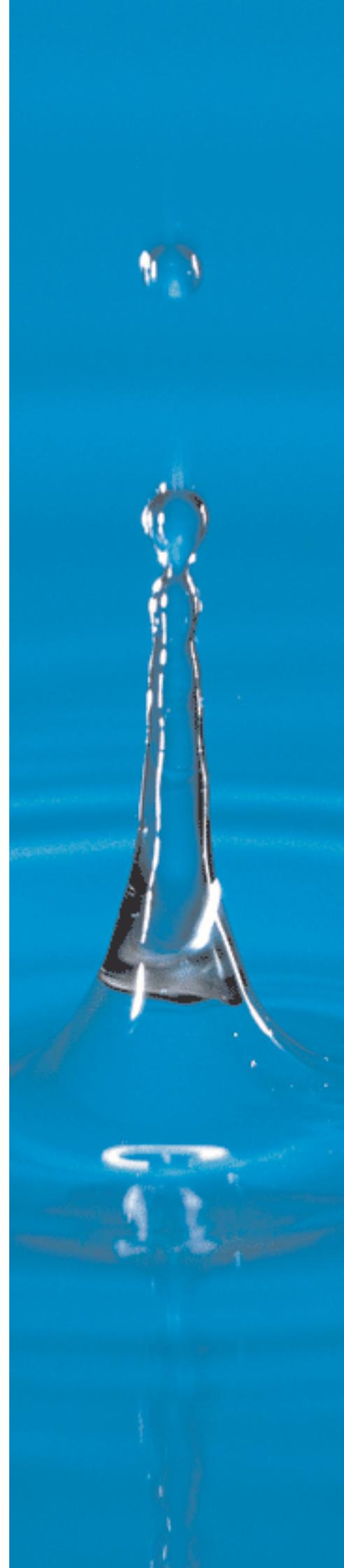
- At DF 2003 discussions will start on the plan of the European Union to initiate in 2004 a multi-million Euro research program on enhancing the nutritional value and health benefits of cereals
- DF 2003 can ideally be combined with the AACC workshop on developing strategies for health promoting grain ingredients
- And last but not least – the venue is an excellent starting point for sightseeing trips to Amsterdam, the Hague and the famous flower bulb gardens of Holland

Finally I want to express my gratitude for the great support given by the Scientific Committee, ICC and AACC and by the responses of so many colleagues in academia, research institutes and the food and feed industry. I am looking forward to meeting many of you in an outstanding and highly interactive meeting.

Jan Willem van der Kamp



Chairman Organising Committee
President of ICC



Scientific Committee

Prof.dr. N.-G. Asp
Prof.dr. J.A. Delcour
Ms. Prof.dr. J. Miller Jones
J.W. van der Kamp, M.Sc.

University of Lund, Sweden
Catholic University of Leuven, Belgium
College of St. Catherine, USA
International Association for Cereal Science and
Technology, Vienna;
TNO Nutrition and Food Research, the Netherlands
Megazyme International, Ireland
L. Prosky Associates, USA
TNO Nutrition and Food Research, the Netherlands
Wageningen University and Research Centre,
the Netherlands

Dr. B.V. McCleary

Dr. L. Prosky

Prof.dr. G. Schaafsma

Prof.dr. A.G.J. Voragen

Organising Committee

Ms. H.B. Bastiaanse
J.W. van der Kamp, M.Sc.

Bastiaanse Communication, the Netherlands
International Association for Cereal Science and
Technology, Vienna;
TNO Nutrition and Food Research, the Netherlands
TNO Nutrition and Food Research, the Netherlands

Prof.dr. G. Schaafsma

Sponsoring Companies (at time of printing)

Platinum sponsorship



Gold sponsorship



Silver sponsorship



Special sponsorship



Programme Monday 19 May 2003

08.45 Opening of Dietary Fibre 2003

Ms. Dr. C.M. Colijn
TNO Board of Management, the Netherlands

Dietary fibre

– science, consumer views and industry perspectives

Chair: J.W. van der Kamp, M.Sc.

ICC; TNO Nutrition and Food Research, the Netherlands

**09.00 Dietary fibre intake, disease prevention and health promotion
- the evidence from epidemiology**

Ms. Prof.dr. J. Miller Jones
College of St. Catherine, USA

09.30 Consumer views on dietary fibres

Dr. T. Hulshof
Kellogg, the Netherlands

09.50 New challenges for research

Ms. Dr. M. Fischer
Nestlé, Switzerland

10.10 Dietary fibre and genomics

Ms. Prof.dr. H. Daniels
Technical University of Munich, Germany

10.30 Coffee|tea

Definition, structure and analytical tools

Chair: Dr. L. Prosky

L. Prosky Associates, USA

11.00 Definition and analysis of dietary fibre in the context of food carbohydrates

Prof.dr. N.-G. Asp
University of Lund, Sweden

**11.30 Analysis of dietary fibre content, composition, extractability and
molecular size distributions**

Dr. R. Andersson
Swedish Agricultural University, Sweden

11.50 Rapid bio-analytical methods - new developments

Dr. B.V. McCleary
Megazyme, Ireland

**12.10 Advanced *in vitro* models of the gastro-intestinal tract - novel tools to
study functionality of dietary fibres**

Dr. K. Venema
TNO Nutrition and Food Research, the Netherlands

12.30 Buffet lunch, exhibition and poster presentation



Programme Monday 19 May 2003

Dietary fibre and health promotion: cancer

Chair: Ms. Dr. R.A. Goldbohm

TNO Nutrition and Food Research, the Netherlands

14.00 Introduction by the chair

14.10 Experimental studies on dietary fibre and colon cancer: an overview presentation

Dr. G. McIntosh

CSIRO, Australia

14.40 Dietary fibre and large - bowel cancer

Ms. Dr. S. Bingham

University of Cambridge, UK

15.10 Lactose derived fibre products

E. Timmermans, M.Sc.

Friesland Coberco Dairy Foods, the Netherlands

15.30 Coffee/tea

16.00 - 18.00 Corporate presentations (at time of printing)

This is a special presentation facility for sponsors and exhibitors to promote their products in more detail.

Chair: Dr. R. Ranieri

Barilla Alimentare, Italy

Sensus, the personal touch to inulin

A. Alberts, M.Sc., Sensus Operations, the Netherlands

VIRTACEL - Dietary fibres - functional and nutritional aspects

S. Lander, M.Sc., J. Rettenmaier & Söhne, Germany

Xylo-Gold™ wheat fibres, the latest generation of dietary fibres

Ms. M. de Schutter, Meneba, the Netherlands

Fibersol-2: a soluble, non-digestible starch derived dietary fibre

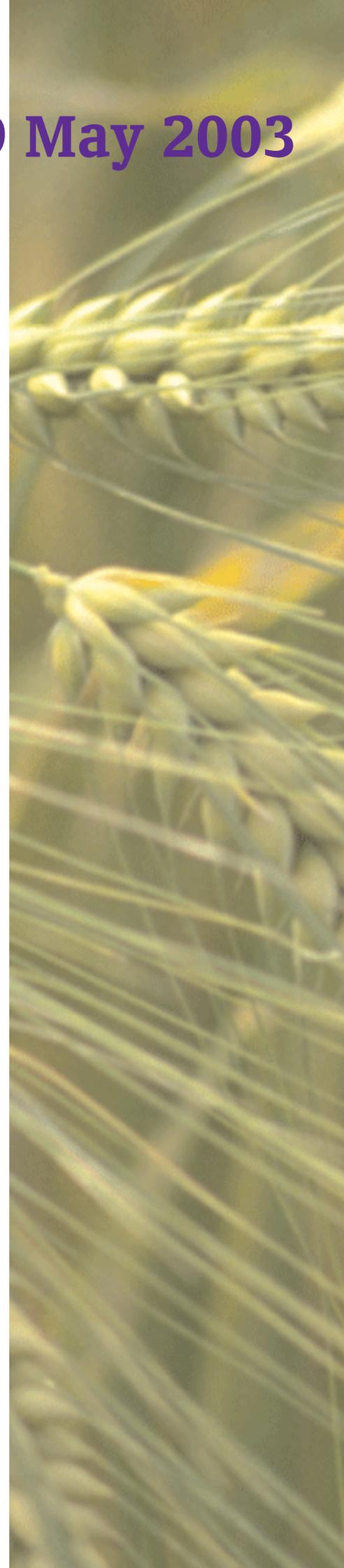
Dr. K. Ohkuma, Matsutani Chemical Industry, Japan

Caromex™, a dietary fibre from carob, benefits and applications

D. Cremer, Nutrinova, Germany

18.00 - 19.00 Drinks, exhibition and poster presentations

19.30 Dinner



Programme Tuesday 20 May 2003



Dietary fibre, intestinal flora and health promotion: cardio vascular diseases

Chair: Dr. F.M. Nagengast

University Medical Centre Nijmegen, the Netherlands

08.30 Introduction by the chair

08.40 Dietary fibre and cardiovascular risks

Prof.dr. D. Lairon

Inserm, France

09.10 Dietary fibre as part of a portfolio diet to maximize cholesterol reduction

Prof.dr. D. Jenkins

University of Toronto, Canada

09.30 Cholesterol-lowering activity of insoluble fibre from carob

Prof.dr. H.J. Zunft

Institute of Human Nutrition, Germany

09.50 The effect of inulins on the metabolic activity of human colonic microbionics

Dr. P.D. Meyer

Sensus Operations, the Netherlands

10.10 Intestinal flora and health

Dr. S. Kudo

Yakult, the Netherlands

10.30 Coffee|tea

Dietary Fibre and Health Promotion: obesity and diabetes

Chair: Prof.dr. D. Jenkins

University of Toronto, Canada

11.00 Introduction by the chair: Impact of the glycaemic index of health

11.10 Microbial production of extracellular polysaccharides

Ms. Dr. G.H. van Geel

TNO Nutrition and Food Research, the Netherlands

11.30 Effect of extracellular polysaccharides on satiety

Ms. W. Blom, M.Sc.

Wageningen University and Research Centre, the Netherlands

11.50 Modulating the glycaemic index - importance of dietary fibre and other food properties

Ms. Prof.dr. I. Björck

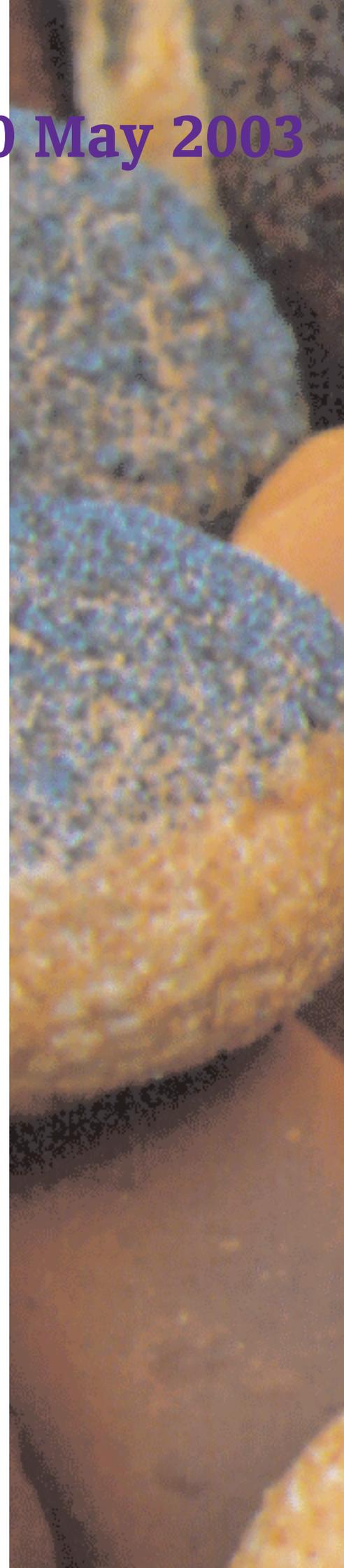
University of Lund, Sweden

12.10 The importance of food structure in the glycaemic responses of carbohydrate rich foods

Dr. C. Brennan

University of Plymouth, UK

12.30 Buffet lunch, exhibition and poster presentation



Programme Tuesday 20 May 2003

Cereal products with enhanced health benefits - R&D needs and opportunities

Chair: Ms. Prof.dr. J. Miller Jones

College of St. Catherine, USA

13.30 New approaches for enhancing health benefits of cereal products

Ms. Prof.dr. K. Poutanen

VTT and Koipio University, Finland

14.00 Breeding strategies for enhancing health benefits of cereal grains

Ms. Dr. R. Drake

Syngenta, UK

14.20 Non-starch polysaccharides in bakery products: matching health and technological needs

Prof.dr. J. Delcour

Catholic University of Leuven, Belgium

14.40 Importance of phytosterols, folates and other bioactive compounds in cereals

Prof.dr. V. Piironen

University of Helsinki, Finland

15.00 Coffee/tea

Health aspects for target groups

Chair: Prof.dr. A.G.J. Voragen

Wageningen University and Research Centre, the Netherlands

15.30 The role of prebiotic fibres in the process of calcium absorption

Dr. W. Caers

Orafti, Belgium

15.50 How oligosaccharides alter gut microflora and influence health in animals

Dr. H. Graham

Danisco, UK

16.10 Dietary fibre and petfoods

Prof.dr. G.C. Fahey

University of Illinois, USA

16.30 Healthbreak

16.50 Nutritional value of oligosaccharides as functional dietary fibre for babies

Ms. Prof.dr. S. Kim

Ewha Womans University, Korea

17.10 Effects of oligosaccharides in infant formula's

Prof.dr. J. Bindels

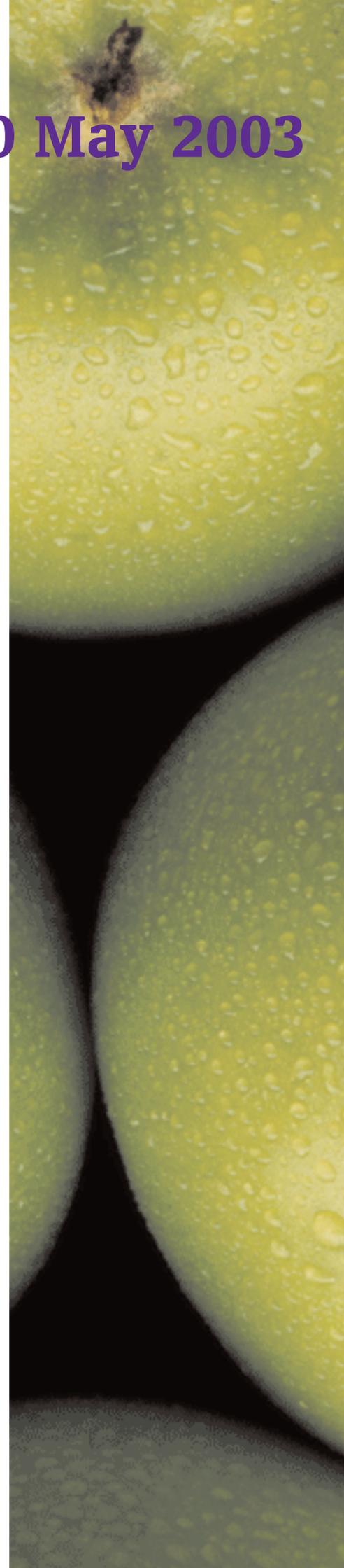
Numico Research, the Netherlands

17.30 Dietary fibre and clinical nutrition

Ms. Dr. M. Dohnalek

Abbott International Nutritionals, USA

18.00 - 19.00 Drinks, exhibition and poster presentations 20.00 Conference dinner



Programme Wednesday 21 May 2003

Health claims and legislation

Chair: Prof.dr. N.-G. Asp

University of Lund, Sweden

08.30 Whole grain health claims in the US and other parts of the world

Dr. L. Marquart

University of Minnesota, USA

09.00 Safety assessment and regulatory aspects of new dietary fibres

Dr. A. Bär

Bioresco, Switzerland

09.20 Health claims - options for dietary fibre

Prof.dr. G. Schaafsma

TNO Nutrition and Food Research, the Netherlands

09.40 Health claims, food for regulation

L. van Nieuwland M.Sc.

The Netherlands Nutrition Centre, the Netherlands

10.00 Coffee/tea

10.30 Panel discussion - the way forward

Discussion items:

- the food products needed for health promotion in the 21st century
- the role of fibre and related components
- health benefits of fibres - facts and uncertainties
- challenges and bottlenecks in research, development and legislation

Chair: Prof.dr. G. Schaafsma

TNO Nutrition and Food Research, the Netherlands

Panel members:

Prof.dr. N.-G. Asp, University of Lund, Sweden

Ms. Dr. M. Fischer, Nestlé, Switzerland

Prof.dr. D. Jenkins, University of Toronto, Canada

Ms. Prof.dr. J. Miller Jones, College of St. Catherine, USA

Dr. R. Ranieri, Barilla Alimentare, Italy

11.30 General discussion on hot topics and closing Dietary Fibre 2003

J.W. van der Kamp, M.Sc.

ICC; TNO Nutrition and Food Research, the Netherlands

12.00 End of conference

12.15 Excursion to TNO Nutrition and Food Research in Zeist

You can explore the latest information on:

TNO Intestinal Gastro Model (TIM)

Nutrition Research

Research on Nutrigenomics

Advanced Analyses



AACC workshop Sunday 18 May 2003

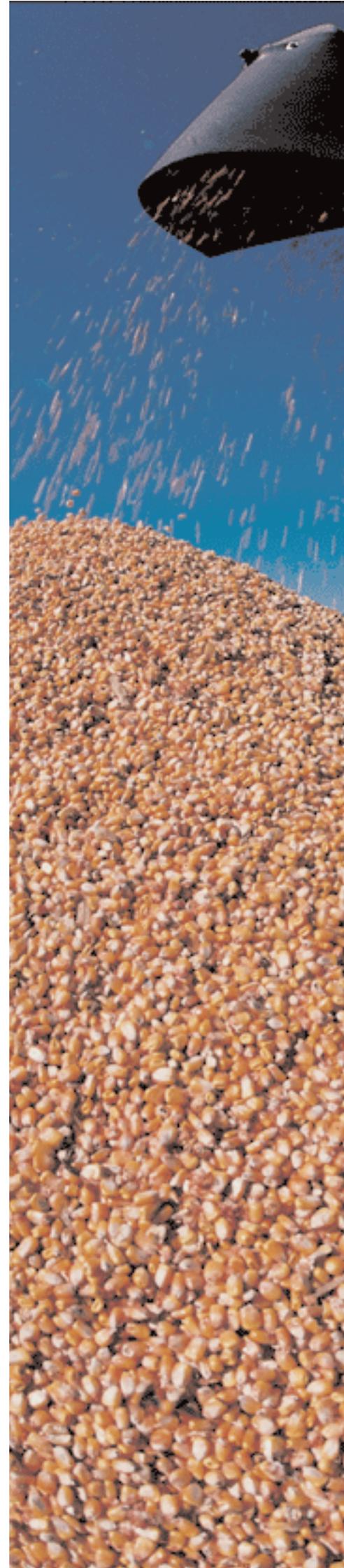
 American Association of Cereal Chemists, St. Paul, MN, USA
Advancing grain science worldwide

Developing strategies for health-promoting grain ingredients

Increase your knowledge about health-promoting grain ingredients by attending this one day workshop. Topics covered include grains and health, consumption, and consumer perception. The workshop goal is to develop strategies to increase consumption of health-promoting ingredients. Attendees will have the opportunity to suggest issues they would like covered during the day. The interactive environment that combines lecture and small group discussion will both inform and motivate even the most seasoned food industry professionals.

Programme chair: Ms. Prof.dr. Julie Miller Jones
College of St. Catherine, USA

- 09.00** Introduction
- 09.45** What are the barriers from a food development perspective?
Large group discussion
- 10.45** Break
- 11.00** What are the barriers from a processing perspective?
Large group discussion
- 12.00** Lunch
- 13.30** What are the barriers from an analytical or regulatory perspective?
Panel discussion
- 14.10** What are the barriers from a marketing perspective?
Small group discussion
- Break
- 15.45** What are the barriers from a nutritional perspective?
Small group discussion
- 17.00** Open discussion - Identifying strategies to overcome these barriers
- 17.30** Adjourn



General Information

Venue, fee and discount

Dietary Fibre 2003 will be held 18-21 May 2003 in NH Leeuwenhorst Hotel, Noordwijkerhout, the Netherlands. The NH Leeuwenhorst Hotel (www.nh-hotels.com) is situated in the very heart of the beautiful bulb district, the largest floral garden in Europe. The well-known beach resort Noordwijk is a stone's throw away. Amsterdam, The Hague and Schiphol Airport are only half an hour by car.

The participant fee is EUR 530.- (19% VAT exclusive), including the book of abstracts, coffee/tea, lunches and dinners as announced in the timetable. The participant fee does not include hotel accommodation.

Participants registering and paying before 31 March 2003 are qualified for the Early Registration Discount, the participant fee being EUR 430.- (19% VAT exclusive).

AACC workshop

Linked to the conference a workshop will be organised on Sunday 18 May 2003 in collaboration with AACC. The costs can be found on the Conference Registration Form and include the course manual, lunch and refreshments.

Registration

To register for Dietary Fibre 2003 please fax or send the enclosed Registration Form to the Conference Secretariat.

The registration desk for the conference will open on Sunday 18 May 2003 at 16.00 h.

Hotel accommodation

Participants are responsible for making their own reservations by sending the enclosed Hotel Accommodation Form to the Conference Secretariat. NH Leeuwenhorst Hotel is holding a block of rooms at a reduced rate for participants. **Early booking is recommended.**

Transportation

The best way to travel from Amsterdam Schiphol Airport is by train to Leiden Central Station. From Leiden Central Station you can take a bus, a taxi or a direct shuttle-service called 'NH Leeuwenhorst Express'.

After receiving the Conference Registration Form the Conference Secretariat will send you more detailed information on how to reach the conference venue.



General Information

Exhibition/sponsorship

Parallel to the conference a commercial exhibition will be organised in which presentations of services, products and equipment are given. Participants of the conference have the opportunity to visit the exhibition during the various breaks. Companies and organisations interested in having an exhibition stand or in sponsoring are invited to contact the Conference Secretariat.

Corporate presentations

Companies involved in developing and marketing services and/or products are given the opportunity for oral presentations in dedicated sessions 'Corporate presentations' on Monday 19 May 2003. For more information contact the Conference Secretariat.

Call for posters

Interested participants are invited to submit one-page abstracts for posters by no later than 31 March 2003. The members of the Organising Committee will evaluate the abstracts.

Excursion to TNO

The excursion to TNO Nutrition and Food Research will take place on 21 May 2003. At 12.15 h. the bus will leave for Zeist (a packed lunch is provided). The bus will return at 15.30 h. to Schiphol Airport and then to the NH Leeuwenhorst Hotel.

The fee for the excursion will be EUR 35,-. Reservations can be made on the Conference Registration Form. The number of participants in the excursion is limited to 40 only. Participants will be registered in the order of receipt of the registration forms.

Language

English will be the official conference language.

Conference Secretariat

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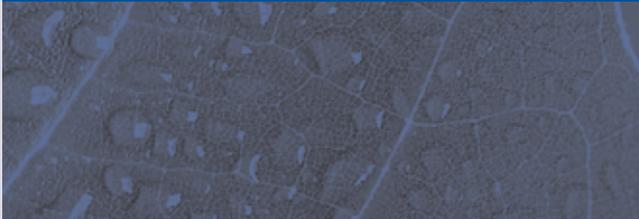
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It may be necessary for reasons beyond the control of the organisers to alter the content and timing of the programme or the identity of the speakers.





Conference Secretariat

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