

# *Better Foods for Human Health: Challenges & Solutions (Interfacing Science, Regulation and Industry)*

*Organized by Fondation Mérieux*

*"Les Pensières"* Fondation Mérieux Conference Center  
Veyrier du Lac - France

*Supported by*



September 7<sup>th</sup> to 9<sup>th</sup>, 2010

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## Background

Poor nutrition is a global health issue; in developing countries malnutrition remains prevalent and leads to increase infectious diseases. In all countries, unbalanced diets trigger obesity, metabolic disorders and cancer. Improving nutrition for better public health is therefore a commitment from the food industry and the focus of regulatory authorities.

Today, the challenge is to bring solutions through better food for human health and therefore reduce human morbidity and mortality due to poor nutrition, while balancing the ethical need and the economical development.

The task is huge and will require sustained efforts in improving knowledge, developing industrial products and checking quality and relevancy. A key success factor will come from the quality of the interaction between the main players and actors.

The general purpose of this conference is to bring together scientists at the forefront of research, world-leading industrialists and top level regulatory officials in order to review the current state of the promises arising from Science.

## Aim and Objectives

- To highlight the most recent scientific and medical insights in Nutrition and related topics
- To review National, European Authorities and other Public Health players' expectations
- To provide a platform for Scientists, Food industries and Regulatory Agencies to share opinions and experiences and combine efforts to find common and sharable solutions
- To issue a reference/position document of the conference's main outcomes and statements following this meeting.
- To build the roots for a recurrent forum

## Tuesday, September 7, 2010

17h10-18h00	► <i>Registration</i>	
18h00-18h25	Welcome Addresses	Alain Merieux
18h25-19h10	Keynote Lectures	
	Economical Stakes : Cost/benefit ratio of freeing innovation	Roland Berger TBC
20h00	► <i>Welcome Dinner</i>	

## Wednesday, September 8, 2010

<b>SESSION I</b> 9:30h – 12:30h	<b>Overview of Public Health and Industrial stakes in Developing and Developed Countries</b>	
	► <b>Chair by: Marion Guillou</b>	
	The Public Health Perspectives in Developed Countries	Xavier Lerverve
	The Public Health Perspectives in Developing Countries	Marc Van Ameringen
	The Scientific Perspective	Marion Guillou
	Discussion	
11h00 – 11h30	► <i>Coffee Break</i>	
	Current Nutritional Status in China	Chen Chunming
	The Industrial Perspective	Sven Thormalhen
	Discussion	
12h30 – 14h00	► <i>Lunch</i>	
<b>SESSION II</b> 14:00h – 18:00h	<b>Promising Fields in the Science of Nutrition/Food dedicated to Human Health</b>	
	► <b>Chair by: Christian Brechot</b>	
	Dietary Modulation of Gut Microbiota for Preventive Management of the Metabolic Syndrome	Zhao Liping
	Metabolic Syndrome	Martine Laville
	Obesity: Clinical Research Issues	Arnaud Basdevant
	Discussion	
15h30 – 16h00	► <i>Coffee Break</i>	
	Cardiometabolic Disease	Jean-Charles Fruchart
	Biology of Food Intake	Luc Penicaud
	Discussion	
	Biology of Ageing	Etienne Baulieu

	Bridging Functional Foods, Genomics and Cancer Prevention	John Milner
	Discussion	
20h00	► <i>Dinner</i>	

## Thursday, September 9, 2010

<b>SESSION III</b>	<b>Issues and Solutions for Relevant Biomarker Discovery and Clinical Trials</b>	
8:30h – 12:30h	► Chair by: Christian Brechot	
	Metabolomic	Jeremy Nicholson
	Status and Perspective on the Availability of Biomarkers	Stephane Vidry
	Perspective on Clinical Trials	Murielle Cazaubiel
	Discussion	
10h00 – 10h30	► <i>Coffee Break</i>	
	Modulation of Intestinal Comfort with Functional Food: Clinical Trials and Perspectives	Philippe Marteau
	The Process of Biomarker's Discovery and Validation	Isabelle Fourthin
	Discussion	
	Personalised Nutrition - Opportunities and Challenges	Mike Gibney
	The Industrial Perspective	Marie-Odile Gailing
	Discussion	
12h30 – 14h00	► <i>Lunch</i>	
<b>SESSION IV</b>	<b>Optimal Interface between Science, Regulation and Industry: How to Strengthen and Improve the Interaction between Actors in the Aim of a Global Health Benefit</b>	
14:00h– 17:30h	► Chair by: Roland Vaxelaire	
	The EFSA Regulatory Authorities Perspective	Catherine Geslain-Lanéelle
	The FDA Regulatory Authority Perspective	Paula Trumbo
	Discussion	
	Regulation in China for Nutrition claiming Health Benefit	TBC
	Discussion	
15h00 – 15h30	► <i>Coffee Break</i>	

SESSION V 15h30 – 17h30	<b>ROUND TABLE</b> <b>Better Foods for Human health: How could we improve interface between Science, Regulation and Industry</b>	
	Scientific Panel Representatives	
	Regulatory Panel Representatives	
	Industry Panel Representatives	
	<b>Closing Remarks</b>	<b>Christine M'rini</b>
	<b>Meeting Cloture</b>	
	<b>Find Following Speakers List</b>	

# SPEAKERS

**Dr. Arnaud Basdevant**

Pole Endocrinologie Service de Nutrition  
University Paris 6, France

**Prof. Etienne Baulieu**

Former President, French Academy of Sciences  
National Academy of Sciences of the USA,  
Foreign Associate Collège de France, Adjunct  
Professor, Scripps Institute, USA  
INSERM UMR, France

**Dr. Murielle Cazaubiel**

President  
Biofortis, France

**Prof. Chen Chunming**

Senior Advisor, International Life Sciences  
Institute Focal Point in China  
Chinese Center for Disease Control and  
Prevention  
CDC, China

**Dr. Isabelle Fourthin**

bioMérieux  
France

**Prof. Jean-Charles Fruchart**

Department of Atherosclerosis  
Joint department: Institut Pasteur of Lille,  
INSERM & University of Lille II, France

**Dr. Marie-Odile Gailing,**

Head of Regulatory Affairs  
Nestle Nutrition

**Dr. Catherine Geslain-Lanéelle**

Executive Director  
EFSA - European Food Safety Authority  
Italy

**Prof. Mike Gibney**

Director  
UCD Institute of Food and Health  
University College Dublin, Ireland

**Dr. Marion Guillou**

General Director  
INRA, France

**Dr. Zhao Liping**

Shanghai Jiao Tong University (SJTU)  
China

**Dr. Xavier Laverve**

INRA, France

**Dr. Martine Laville**

CRNH RA, France

**Dr. Philippe Marteau**

Chef Department of Pathology Digestive  
APHP, France

**Dr. John A. Milner,**

Nutritional Science Research Group  
Division of Cancer Prevention  
National Cancer Institute  
National Institutes of Health  
USA

**Dr. Jeremy Nicholson**

Imperial College London  
England

**Mr. Alain Mérieux**

President  
Fondation Mérieux, France

**Mr. Alexandre Mérieux**

Vicepresident  
Institut Mérieux, France

**Dr. Michel du Peloux**

Vice President R&D and Operations  
Merck Consumer Health Care  
France

**Dr. Luc Pénicaud**

Research Director  
CNRS, France

**Dr. Sven Thormahlen**

Direction Générale  
Danone Research  
France

**Dr. Paula R. Trumbo**

Supervisor, Nutrition Science Evaluation  
Center for Food Safety and Applied Nutrition  
Food and Drug Administration, USA

**Mr. Marc Van Ameringen**

Executive Director  
GAIN - Global Alliance for Improved Nutrition  
Switzerland

**Mr. Roland Vaxelaire**

President  
Responsability Management  
France