

International Society of Antioxidant in Nutrition and Health

# First World Congress on Therapies against Obesity:

## Perspectives for Pharmaceutical and Natural Products

# Paris Anti-Obesity Therapies 2006

Institut Pasteur, Paris - France

May 18-19, 2006

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# **First World Congress on Therapies against Obesity: Perspectives for Pharmaceutical and Natural Products**

**Institut Pasteur - Paris - France**

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## **Abstract Book Index**

### **SESSION 1: General Presentation on Obesity**

#### **Economic Impact of Anti-Obesity Drugs**

*Mrs Katia Musitu, IMS Health, London, UK*

**Abstract + Powerpoint Presentation**

#### **Obesity should be accepted as a disease**

*Pr Vojtech Hainer, Obesity Management Center, Endocrine Institute, Prague, Czech Republic.*

**Abstract**

#### **Obesity in Animals: an overview**

*Dr Christophe Blanckaert, Veterinary Clinic Les Margats, Boulogne sur Mer, France*

**Abstract + Powerpoint Presentation**

#### **Role of Circadian Clock in the Management of Obesity**

*Dr Fred Turek, Northwestern University, Evanston, Illinois, USA.*

**Abstract + Powerpoint Presentation**

#### Short Oral Communication Session 1: What are the New Scientific Insights in the Obesity Field?

The impact of overweight/obesity and associated cardiometabolic risk factor clusters on health-related quality of life in a nationally representative sample of adults in the United States

*Dr Patrick Sullivan, University of Colorado, Denver, Colorado, USA*

**Abstract**

Proinflammatory cytokine polymorphisms and the risk of obesity

*Dr Fabio Pereira, University of Porto, Porto, Portugal*

**Abstract**

Omental adipose tissue ZFP36 mRNA abundance is correlated with fasting insulin, insulin resistance (HOMA-ir) index and plasma adiponectin levels in women

*Dr Luigi Bouchard, Laval University, Quebec, Quebec, Canada*

**Abstract**

## **SESSION 2: What are the Strategies Used to Prevent and/or Treat Obesity?**

**Current Pharmacotherapies and New Drugs in Development**

*Pr Olivier Ziegler, Hospital of Nancy, Toul, France*

[Abstract](#)

**Brain Regulation of Energy Metabolism**

*Dr Christian Broberger, Department of neuroscience, Karolinska Institutet, Stockholm, Sweden.*

[Abstract + Powerpoint Presentation](#)

**Targeting the Lipid and Carbohydrate Metabolism**

*Dr Yuguang Shi, Hershey Medical Center, Penn State University, Hershey, Pennsylvania, USA*

[Abstract + Powerpoint Presentation](#)

**Bariatric Surgery**

*Dr Jérôme Dargent, Policlinic of Rillieux, Rillieux-le-pape, France*

[Abstract + Powerpoint Presentation](#)

## **SESSION 3: Impact of Nutrition and/or Nutraceutical in Obesity Prevention and Treatment**

**Dietary Calcium Intake, Dairy Products and Obesity: Overview and Perspectives**

*Dr Michael Zemel, FACN, University of Tennessee, Knoxville, Tennessee, USA*

[Abstract + Powerpoint Presentation](#)

**Beneficial effects of bile acids: a new way to treat obesity by food supplementation?**

*Dr Sander Houten, Laboratory Genetic Metabolic Diseases, University of Amsterdam, Amsterdam, The Netherlands*

[Abstract + Powerpoint Presentation](#)

## **SESSION 4: New Targets for Therapies Against Obesity**

**Interesting Molecular Targets: the Peroxisome Proliferator-Activated Receptors (PPARs)**

*Pr Bart Staels, University of Lille 2, Lille, France*

[Abstract + Powerpoint Presentation](#)

**An RNAi-based Approach to Metabolic Disease**

*Pr Michael Czech, University of Massachusetts, Worcester, USA*

[Abstract + Powerpoint Presentation](#)

**Inflammation and Obesity: a New Field for Therapy?**

*Dr Alain Gélœn, University of Lyon 1, Lyon, France*

[Abstract](#)

**Role of Mitochondria and Uncoupling Proteins in Obesity and Insulin Secretion**

*Dr Cathy Chan, Department of Biomedical Sciences, University of Prince Edward Island, Charlottetown, Prince Edward, Canada.*

[Abstract + Powerpoint Presentation](#)

## Short Oral Communication Session 2: What are the Potential New Targets and Useful Pathways for New Therapies Against Obesity?

Transgenic rabbits overexpressing human APOb mRNA editing gene (APOBEC-1) are obese

*Itzik Harosh, ObeTherapy, Evry, France*

[Abstract](#)

INOS gene disruption potentiates the anti-diabetic effects of rosiglitazone in obese mice: role of the adiponectin-ampk pathway

*Patrice Dallaire, Laval University, Quebec, Quebec, Canada*

[Abstract](#)

Activation of nuclear hormone receptors by Guggulipids and its component commiphelic acid

*Claire Cornick, University of Buckingham, UK*

[Abstract](#)

Increased adiposity and relative body fat mass is accompanied by mitochondrial abnormalities in an ovine model of intrauterine nutrient restriction

*Piran Shelley, St Thomas' Hospital KCL, London, United Kingdom.*

[Abstract](#)

## **SESSION 5: Latest Advances on Natural Ingredients and Alternative Therapeutics against Obesity**

**Conjugated Linoleic Acid (CLA): Overview and Latest Advances**

*Dr Bernard Schmitt, CERN/CHBS, Lorient, France*

[Abstract + Powerpoint Presentation](#)

**Short remark about CLA safety**

*Dr Sandra Einerhand, Lipid Nutrition, Wormerveer, The Netherlands*

[Abstract](#)

**Natural Appetite Suppressants: Reducing caloric intake in the natural way**

*Dr Sandra Einerhand, Lipid Nutrition, Wormerveer, The Netherlands*

[Abstract](#)

**Potential Use of Natural Antioxidants in the Treatment of Obesity**

*Dr Marvin Edeas, President of the French Society of Antioxidants, Paris, France*

[Abstract + Powerpoint Presentation](#)

**Dietary Supplements and Body-Weight Reduction**

*Pr Edzard Ernst, University of Exeter and Plymouth, Exeter, UK*

[Abstract](#)

**Point of View of a Medical Doctor: Which Natural ingredients could be efficient treatments of Obesity in medical everyday practice?**

*Dr Paul Goetz, Strasbourg, France*

[Abstract + Powerpoint Presentation](#)

Short Oral Communication Session 3: What are the Latest Innovations in the Natural ingredients and Natural Products Field to Fight or Prevent Obesity?

Increased Adiponectin but not SCD1 Activity Correlates with Reduced Body Weight Gain in CLA and PUFA Fed Zucker Fatty Rats.

**Leslie Ratkay, Xenon Pharmaceuticals Inc, Burnaby, Canada**

[Abstract](#)

Effect of caralluma fimbriata extract on appetite and weight control

**Ramasamy Venkatesh, St. John's National Academy of Health Sciences, Bangalore, India**

[Abstract](#)

Molecular mechanism of appetite suppression by a novel calcium/potassium salt of (-)-hydroxycitric acid (HCA-SX)

**Debasis Bagchi, Creighton University Medical Center, Omaha, USA**

[Abstract](#)



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