

Functional Foods for Health Promotion: Implications for Reducing Obesity

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Guest Editors: Pamela Anderson, PhD; John Milner, PhD

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Supported by the Technical Committee on Food Components for Health Promotion _Abstract: Speakers provided fundamental insight into the characterization of the most important sites of action of bioactive food components and into how an individual's hereditary profile is a determinant of molecular events involved with the development of obesity. Research gaps in our knowledge of the mechanism and the prevalence of obesity were identified. Some highlights include:

0. Gut Peptide Signaling in Food Intake Control
 0. Translation Regulation of Gene Expression by Omega-3 Fatty Acids: Implications for Cancer Prevention and Treatment
 0. Low-carbohydrate Diets in the Treatment of Obesity
 0. Increased Intake of Dairy Products Has Been Implicated in Reducing Body Weight and Fat Mass in Humans and in Animal Models
 0. Statistical Genetics and Obesity: Dietary Implications
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