Relationships among the brain, the digestive system, and eating behavior [workshop summary /

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Food habits- Food preferences- Nutrition- Electronic books

Monografía

"On July 9-10, 2014, the Institute of Medicine's Food Forum hosted a public workshop to explore emerging and rapidly developing research on relationships among the brain, the digestive system, and eating behavior. Drawing on expertise from the fields of nutrition and food science, animal and human physiology and behavior, and psychology and psychiatry as well as related fields, the purpose of the workshop was to (1) review current knowledge on the relationship between the brain and eating behavior, explore the interaction between the brain and the digestive system, and consider what is known about the brain's role in eating patterns and consumer choice; (2) evaluate current methods used to determine the impact of food on brain activity and eating behavior; and (3) identify gaps in knowledge and articulate a theoretical framework for future research. Relationships among the Brain, the Digestive System, and Eating Behavior summarizes the presentations and discussion of the workshop."--

Título: Relationships among the brain, the digestive system, and eating behavior Recurso electrónico] workshop summary Leslie Pray, rapporteur, Food Forum, Food and Nutrition Board, Institute of Medicine of the National Academies

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Contenido: Machine generated contents note: 1. Introduction -- 2. Interaction Between The Brain And The Digestive System -- Overview of Interactions Between the Brain and the Digestive System -- How Taste Receptors in the Gut Influence Eating Behavior -- Gastrointestinal Peptides, Vagal Afferent Synapses, and Neural Mechanisms of Satiation -- Contextual Influences on Eating Behavior -- Discussion with the Audience -- 3.

Assessing The Science Behind Methodologies Being Used To Characterize Food As Addictive -- A Brief History of Food Intake Research -- What Imaging Technologies Reveal About Food Behaviors: Perspective 1 -- What Imaging Technologies Reveal About Food Behaviors: Perspective 2 -- Assessing the Validity of Questionnaires for Food Behaviors and Addiction -- DSM-5: Substance-Related and Addictive Disorders -- Discussion with the Audience -- 4. Future Directions: Is The Addiction Model For Drugs And Alcohol Appropriate For Food? -- The Addiction Model Is Appropriate for Use with Food -- The Addiction Model Is Not Appropriate for Use with Food -- Discussion with the Audience -- 5. Integrating The Evidence -- Food Reward, Appetite, Satiety, and Obesity -- Concluding Discussion with the Audience -- REFERENCES -- APPENDIXES -- A. Abbreviations and Acronyms -- B. Workshop Agenda

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