

A Food Forum Workshop on

Relationships between the Brain, Digestive System, and Eating Behavior**July 9-10, 2014**

Auditorium
The National Academy of Sciences Building
2101 Constitution Ave, NW
Washington, DC

Meeting Purpose:

1. To review current knowledge on the relationship between the brain and eating behavior:
 - a. To explore the interaction between the brain and the digestive system.
 - b. To explore what is known about the brain's role in eating patterns and consumer choice.
 2. To evaluate the current methods used to determine the impact of food on brain activity and eating behavior.
 3. To identify gaps in our knowledge and to identify a theoretical framework for future research.
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July 9, 2014**Day 1**

8:00 am

Registration

8:30 am

Welcome and Introductions

Eric Decker, PhD, Workshop Planning Committee Chair, Food Forum
Member

Session 1
Interaction between the Brain and the Digestive System

8:45 am	Session 1 Introduction Moderator: Danielle Greenberg, PhD, Food Forum Member
9:00 am	Overview of Interactions of the Brain and Digestive System Timothy Moran, PhD, Johns Hopkins University
9:30 am	Taste Receptors in the Gut: How they Influence Eating Behavior Robert Margolskee, MD, PhD, Monell Chemical Senses Center
10:00 am	BREAK
10:30 am	Gut Peptides and the Control of Eating Behavior Robert Ritter, VMD, PhD, Washington State University
11:00 am	Contextual Influences on Food Intake Laurette Dubé, PhD, MPS, MBA, McGill University
11:30 am	Moderated Panel and Audience Discussion with Session 1 Speakers
12:30 pm	Lunch

Session 2
Assessing the Science behind Methodologies Being Used to Characterize Food as Addictive

1:30 pm	Session 2 Introduction Moderator: Richard Mattes, PhD, MPH, RD, Purdue University
1:45 pm	What Can Imaging Technologies Tell Us About Food Behaviors? <ul style="list-style-type: none">• Perspective 1: Dana Small, PhD, Yale University• Perspective 2: Hisham Ziauddeen, MRCPsych, PhD, University of Cambridge
2:45 pm	BREAK
3:15 pm	Assessing the Validity of Questionnaires for Food Behaviors and Addiction <ul style="list-style-type: none">• Perspective 1: Ashley Gearhardt, PhD, University of Michigan• Perspective 2: Charles O'Brien, MD, PhD, University of Pennsylvania
4:15 am	Moderated Panel and Audience Discussion with Session 2 Speakers
5:15 pm	Adjourn

July 10, 2014

Day 2

8:00 am **Registration**

8:15 am **Welcome and Recap of Day 1**
Eric Decker, PhD, Workshop Planning Committee Chair

Session 3

Future Directions: Is the Addiction Model for Drugs and Alcohol Appropriate for Food?

8:30 am **Session 3 Introduction**
Moderator: Joe Levitt, JD, Hogan Lovells

8:45 am **The Food Addiction Model is Appropriate for Use with Food**
Nicole Avena, PhD, Columbia University

9:15 am **The Food Addiction Model is not Appropriate for Use with Food**
Peter Rogers, PhD, MSc, University of Bristol

9:45 am **Moderated Panel and Audience Discussion with Session 3 Speakers**

10:15 am **BREAK**

Concluding Session

10:30 am **Concluding Session Introduction**
Moderator: Sophie Kergoat, PhD, Workshop Planning Committee Member

Closing Presentation
Edmund Rolls, DPhil, DSc, Hon DSc, MA, Oxford Centre for
Computational Neuroscience

11:00 am **Moderated Conversation with Workshop Speakers and Audience**

12:00 pm **ADJOURN**