



**National Cancer Institute**

**Hyatt Regency Bethesda**

**September 23 - 25, 2007**

<b>Sunday, September 23, 2007</b>	
<b>7:00pm</b>	<i>Reception and Dinner at Daily Grill in the Hyatt</i>
<b>Monday, September 24, 2007</b>	
<b>7:30-8:00am</b> <i>Foyer</i>	<i>Registration and Continental breakfast</i>
<b>8:00-8:15am</b> <i>Lalique Room</i>	<p><b>Welcome and Opening Remarks</b></p> <p><b>Tanya Agurs-Collins, PhD</b> <i>National Cancer Institute, Division of Cancer Control and Population Sciences</i></p> <p><b>Robert Croyle, PhD</b> <i>National Cancer Institute, Director, Division of Cancer Control and Population Sciences</i></p> <p><b>Deborah Olster, PhD</b> <i>National Institutes of Health, Office of Behavioral and Social Science Research</i></p> <p><b>John Milner, PhD</b> <i>National Cancer Institute, Division of Cancer Prevention</i></p> <p><b>Claude Bouchard, PhD</b> <i>Pennington Biomedical Research Center</i></p>
<b>8:15-8:30am</b>	<p><b>Program Objectives</b></p> <p><b>Tanya Agurs-Collins, PhD,</b> <i>National Cancer Institute, Division of Cancer Control and Population Sciences</i></p>
<b>Session 1:</b> <b>8:00-10:45am</b> <i>Lalique Room</i>	<p><b>Gene-Environment Interactions and Regulation</b></p> <p><b>Moderators:</b></p> <p><b>Alan Shuldiner, MD</b> <i>University of Maryland Medial School</i></p> <p><b>Robert Karp, PhD,</b> <i>National Institute of Digestive and Diseases and Kidney</i></p>
<b>8:30-9:15am</b>	<p><b>Gene-Environment Interactions: Setting the stage and defining the fundamentals</b></p> <p><b>Claude Bouchard, PhD</b> <i>Pennington Biomedical Research Center</i></p>

<b>9:15-10:00am</b>	<b>Central and Peripheral Regulation of Food Intake and Physical Activity Behavior: Pathways and Genes</b> <b>Hans Rudi Berthoud, PhD</b> <i>Pennington Biomedical Research Center</i>
<b>10:00-10:45am</b>	<b>Gene-Nutrition Interactions: Overview of animal model data</b> <b>Danielle Reed, PhD</b> <i>Monell Chemical Senses Center</i>
<b>10:45-11:00am</b>	<i>Break</i>
<b>Session 2:</b> <b>11:00a-12:30p</b> <i>Lalique Room</i>	<b><i>Gene-Physical Activity: Animal Studies and Genetics of Obesity</i></b> <b>Moderators:</b> <b>Charles Rotimi, PhD</b> <i>Howard University National Human Genome Center</i> <b>James Hagberg, PhD</b> <i>University of Maryland</i>
<b>11:00-11:45am</b>	<b>Gene-Physical Activity Interactions: Overview of animal model data</b> <b>Lauren Koch, PhD</b> <i>University of Michigan</i>
<b>11:45a-12:30p</b>	<b>Genetics of Obesity</b> <b>Rudy Leibel, MD</b> <i>Columbia University</i>
<b>12:30-1:30pm</b> <i>Sesque/Severn/ Potomac Room</i>	<b><i>Lunch with poster viewing</i></b>
<b>Session 3:</b> <b>1:30-3:45pm</b> <i>Lalique Room</i>	<b><i>Gene-Nutrition and Gene Physical Activity: Human Studies</i></b> <b>Moderators:</b> <b>John Milner, PhD</b> <i>National Cancer Institute, Division of Cancer Prevention</i> <b>Nancy Butte, PhD</b> <i>Baylor College of Medicine</i>
<b>1:30-2:15pm</b>	<b>Gene-Nutrition Interactions : Overview of Human Studies</b> <b>José Ordovas, PhD</b> <i>Tufts University</i>
<b>2:15-3:00pm</b>	<b>Gene-Physical Activity Interactions: Overview of Human Studies</b> <b>Tuomo Rankinen, PhD</b> <i>Pennington Biomedical Research Center</i>
<b>3:00- 3:45pm</b>	<b>Epigenetic Influences on Food intake and Physical Activity Level</b> <b>Barry E. Levin, MD</b> <i>VA Medical Center and NJ Medical School</i>

3:45- 4:00pm	<i>Break</i>
<b>Session 4:</b> 4:00-5:00 pm <i>Lalique Room</i>	<b><i>Summary and Inventory of Research Questions</i></b> <b><i>Genetic perspective</i></b> <b>Moderator:</b> <b>Claude Bouchard, PhD</b> <i>Pennington Biomedical Research Center</i>
4:00-4:20pm	<b>Genetic Discussant:</b> <b>Craig Warden, PhD</b> <i>University of California, Davis</i>
4:20-4:40pm	<b>Behavioral Discussant:</b> <b>Rodney Dishman, PhD</b> <i>University of Georgia</i>
4:40-5:00pm	<b>Discussion</b>
<b>Tuesday, September 25, 2007</b>	
<b>Session 5:</b> 8:00-10:00 am <i>Lalique Room</i>	<b><i>Study Designs and Genomic Technologies</i></b> <b>Moderators:</b> <b>Vivian Ota Wang, PhD</b> <i>National Institutes of Health, Office of Behavioral and Social Science Research</i> <b>Teri Manolio, MD, PhD</b> <i>National Institutes of Health, National Human Genome Research Institute</i>
8:00-8:45am	<b>Optimal Designs for Gene-Behavior Interactions in the Context of Human Obesity</b> <b>Nick Wareham, PhD</b> <i>Medical Research Council</i>
8:45-9:30am	<b>Genomic Technologies and Statistical Tools to Study Gene-Behavior Interactions</b> <b>John Blangero, PhD</b> <i>Southwest Foundation for Biomedical Research</i>
9:30- 10:00am	<b>Discussion</b>
10:00-10:15am	<i>Break</i>
<b>Session 6:</b> 10:15-11:15am	<b><i>Implications for Prevention and Intervention</i></b> <b>Moderator:</b> <b>Hannia Campos, PhD</b> <i>Harvard School of Public Health</i>
<i>Lalique Room</i>	<b>Implications of Gene-Behavior Interactions: Prevention and Intervention of Obesity</b> <b>Molly Bray, PhD,</b> <i>Baylor College of Medicine</i>

<b>Session 7:</b> <b>11:15a-12:30p</b> <i>Lalique Room</i>	<i>Definition of the Research Agenda and Summary of Workshop</i> <b>Moderators:</b> <b>Claude Bouchard, PhD</b> , <i>Pennington Biomedical Research Center</i> <b>Tanya Agurs-Collins, Ph.D.</b> , <i>National Cancer Institute, DCCPS</i>
<b>11:15-11:35am</b>	<b>Genetic Discussant:</b> <b>Alan Shuldiner, MD</b> <i>University of Maryland Medical School</i>
<b>11:35-11:55am</b>	<b>Behavioral Discussant:</b> <b>Myles Faith, PhD</b> <i>University of Pennsylvania</i>
<b>11:55a-12:20p</b>	<b>Discussion</b>
<b>12:20-12:30pm</b>	<b>Closing Comments</b> <b>Tanya Agurs-Collins, Ph.D.</b> , <i>National Cancer Institute, DCCPS</i>