

Body Weight, Adiposity, Energetics, and Longevity

Thu 11/29/2007

Time	Topic	Speaker
8:00 - 8:05	Announcements/Business	David Allison, Ph.D., UAB
I. Epidemiologic Puzzles & Novel Statistical Approaches		
8:05 - 8:10	<i>Overview by Moderator</i>	<i>JoAnn Manson, M.D., Dr.PH. Harvard University</i>
8:10 - 8:45	Obesity & Mortality Rate in Humans: Evaluating the impact of age and ethnicity	June Stevens, Ph.D., Univ North Carolina, Chapel Hill
8:45 - 9:20	Obesity & Mortality Rate in Humans: Are the effects changing with calendar time?	Eugenia Calle, Ph.D., American Cancer Society
9:20 - 9:55	Statistical approaches to modeling the latent confounding variables and incorporating information from experimental and clinical domains.	David Allison, Ph.D., UAB
9:55 - 10:25	<i>Panel Discussion</i>	<i>Speakers led by Moderator</i>
10:25 - 10:35	BREAK	
II. Role of Body Composition		
10:35 - 10:40	<i>Overview by Moderator</i>	<i>Leanne M. Redman, Ph.D., Pennington Biomedical Research Center</i>
10:40 - 11:15	Ambient temperature manipulation and in vivo body composition measurements to separate the effects of adiposity and energy intake on longevity.	Tim R. Nagy, Ph.D., UAB
11:15 - 11:50	The role of selective fat depletion in life-prolongation in rodents	Nir Barzilai, M.D., Albert Einstein College of Medicine
11:50 - 12:25	Role of body fat in longevity	Heidi Tissenbaum, Ph.D, University of Massachusetts
12:25 - 12:55	<i>Panel Discussion</i>	<i>Speakers led by Moderator</i>
Lunch		
III. Role of Hunger		
2:00 - 2:05	<i>Overview by Moderator</i>	<i>Blanka Rogina, Ph.D., University of Connecticut Health Center</i>
2:05 - 2:40	Hypothalamic mechanisms in caloric restriction and aging	Charles Mobbs, Ph.D., Mount Sinai School of Medicine
2:40 - 3:15	Could Hunger be the key hormetic signal?	R. Michael Anson, Ph.D., Community College of Baltimore County
3:15 - 3:25	BREAK	
3:25 - 4:00	Beneficial Metabolic effects of fasting	William Donahoo, Kaiser Foundation Research Institute
4:00 - 4:35	Longevity mediated by fasting-induced changes in chromatin composition	James Waddle, Ph.D., Southern Methodist University.
4:35 - 5:05	<i>Panel Discussion</i>	<i>Speakers led by Moderator</i>

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The University of Alabama at Birmingham
1665 University Boulevard, RPHB 414
Birmingham AL 35294-0022
+01 205 975 9169

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Fri 11/30/2007

Time	Topic	Speaker
8:00 - 8:05	Announcements/Business	David Allison, Ph.D., UAB
IV. What We Have and Can Learn from Clinical Studies		
8:05 - 8:10	<i>Overview by Moderator</i>	<i>Julie Mattison, Ph.D., National Institute on Aging</i>
8:10 - 8:45	Results from early human studies.	Eric Ravussin, Ph.D. Pennington Biomedical Research Center
8:45 - 9:20	Long-term metabolic effects of calorie restriction in humans	Luigi Fontana, M.D., Ph.D., Washington Univ. & Italian Nat'l Institute of Health
9:20 - 9:55	Effects of surgically-induced weight loss in humans	Ted Adams, Ph.D. MPH, University of Utah
9:55 - 10:25	<i>Panel Discussion</i>	<i>Speakers led by Moderator</i>
10:25 - 10:35	BREAK	
V. Role of Energy Expenditure, Exercise, and Negative Energy Balance		
10:35 - 10:40	<i>Overview by Moderator</i>	<i>Ramon Durazo-Arvizu, Ph.D., Loyola Univ Chicago</i>
10:40 - 11:15	Effects of Selective Breeding for High Voluntary Activity Levels in House Mice on Energy Balance and Longevity	Theodore Garland Jr, PhD, University of California, Riverside
11:15 - 11:50	Strength, exercise, muscle mass, muscle function and longevity	Tamara Harris, M.D., National Institute on Aging
11:50 - 12:25	The role of rapid catch-up growth or intense positive energy balance in early life	Susan Ozanne, Ph.D., University of Cambridge
12:25 - 12:55	<i>Panel Discussion</i>	<i>Speakers led by Moderator</i>
Lunch		
VI. What We Have and Can Learn from Non-Human Primates		
2:00 - 2:05	<i>Overview by Moderator</i>	<i>Catherine A. Wolkow, Ph.D., National Institutes on Aging</i>
2:05 - 2:40	Results from the Wisconsin CR Study	Richard Weindruch, Ph.D., University of Wisconsin at Madison
2:40 - 3:15	Results from the NIA CR Study	Donald Ingram, Ph.D., Pennington Biomedical Research Center
3:15 - 3:25	BREAK	
3:25 - 4:00	Results from a primate model of obesity and CR: middle aged weight gain prevention	Barbara C. Hansen, Ph.D., University of South Florida
4:00 - 4:35	Caloric Restriction Mimetics: The Newest Anti-aging Strategy	George Roth, Ph.D., Gerotech
4:35 - 5:05	<i>Panel Discussion</i>	<i>Speakers led by Moderator</i>

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