

PRELIMINARY PROGRAM

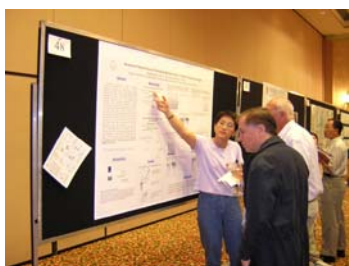


Session at the 2005 Nutrition and Aging Symposium

review program updates at
www.americanaging.org/2006.html

CALL FOR ABSTRACTS

The program for our 2006 annual meeting will consist of invited lectures with special emphasis on the intervention in aging and age-related diseases. Topics selected for this meeting include biology of aging, sarcopenia, osteoporosis, age-related skin diseases, immunity and infection, metabolism, caloric restriction in the human, aging of the brain and novel therapies for neurodegenerative disease. In addition to the invited program there will be poster and oral presentations from submitted abstracts. **The abstract deadline is March 1, 2006. Student and minority travel awards will be available to facilitate attendance at meeting.** For further information on abstract submission, registration and awards, please visit our website www.americanaging.org.



Poster Presentation at the 33rd AGE Annual Meeting

FRIDAY, JUNE 2, 2006 PRE-MEETING SYMPOSIUM: Caloric Restriction

8:00 AM	Welcome	Richard Weindruch, Chair
	Model organisms	
8:15 AM	SIR2 Genes and Calorie Restriction	Leonard P. Guarente
8:45	A Biochemical/Genetic Pathway for the Life Span Extending Effects of Calorie Restriction in the Fly	Stephen L. Helfand
9:15	Dietary Restriction and Gene Expression in <i>C. elegans</i>	David Gems
9:45	<i>Break</i>	
	Rodents	
10:00	Effects of Moderate (8%) Caloric Restriction on Free Radical Biology	Chris Leeuwenburgh
10:30	Metabolic Regulators in Calorie Restriction: Linking Cell Survival and Organismal Longevity	Rozalyn M. Anderson
11:00	Caloric Restriction and Lowering of Mitochondrial ROS Production: From Calorie to Protein and, from Protein to Methionine Restriction	Gustavo Barja
11:30	<i>Lunch Break</i>	Lunch Break
	Non-human primates	
12:30 PM	The University of Wisconsin Dietary Restriction and Aging Study	Ricki Colman
1:00	The NIA Study of Dietary Restriction and Aging	Donald K. Ingram
1:30	Aging, Immunity and Caloric Restriction in Rhesus Macaques	Janko Nikolich-Zugich
2:00	<i>Break</i>	
	Human primates	
2:15	Long-term Adaptations to CR	John O. Holloszy
2:45	Caloric Restriction in Humans: Feasibility and Preliminary Results	Susan B. Roberts
3:15	Effect of CR on Energy Metabolism with Emphasis on Mitochondrial Biogenesis	Eric Ravussin
3:45	Panel Discussion: Is Caloric Restriction the Only Way to Increase Health Span? <i>Moderator: James Joseph; Panelists: Eric Ravussin, Stephen R. Spindler</i>	

35th American Aging Association Annual Meeting Interventions in Aging and Age-related Diseases: the Present and the Future FRIDAY, June 2, 2006

5-7 PM	American Aging Association 35th Annual Meeting Registration	
5-7 PM	American Aging Association Board Meeting	
7-9 PM	35th Annual Meeting Welcome Reception	
SATURDAY, June 3, 2006		
7:00 AM	Registration	
8:15	Welcome Notes	Simin Meydani, Chair
8:30	SESSION 1: Current Advances in Understanding the Basic Biology of Aging	CHAIR: Raj Sohal
	Identification of Mechanisms of Aging from Worm to Man	Siegfried Hekimi
	Reactive Oxygen Species, Signal Transduction and Aging	Toren Finkel
	Mitochondrial Respiratory Activity, Oxidative Stress & Aging	Raj Sohal
10:15	<i>Break</i>	
10:30	SESSION 2: Sarcopenia: Cause, Effect, and Treatment	CHAIR: William Evans
	Molecular Mechanisms	Geoff Goldspink
	Hormonal and Pharmacological Treatment	Shalender Bhasin
	Nutritional and Exercise Interventions	William J. Evans
12:30-2:00 PM	NEW! Lunch and AGE sponsored debate: Amyloid-beta and Alzheimer's Disease: Center Ring or Side Show? - Moderator: Dr. Don Ingram, NIA	
2:00	SESSION 3: Osteoporosis: Mechanisms, Prevention and Treatments	CHAIR: Connie Weaver
	Osteoporosis: In Search of an Underlying Mechanism	Robert Klein
	Osteoporosis: Life Choices for Prevention	Connie Weaver
	Osteoporosis: Treatments, but No Cure	Dennis Black
4:00-6:00	Poster session – Wine and cheese	
7:00	SOCIAL	

PRELIMINARY PROGRAM (cont.)

SUNDAY, JUNE 4, 2006		
8:15	SESSION 4: Intervention in Aging and Age-Related Skin Diseases	CHAIR: Barbara Gilchrest
	The Role of Telomere-Based Signaling in Skin Aging/Photoaging	Mina Yaar
	The Role of Retinoids in Preventing and Treating Skin Aging Changes	Sewon Kang
	Mechanisms and Consequences of Age-Associated Changes in the Skin Barrier	Peter Elias
10:15	<i>Break</i>	
10:30	SESSION 5: Immunity and Infection	CHAIR: Laura Haynes
	Age and the Adaptive Immune System	Jorg Goronzy
	The Effect of Age on the Cognate Function of CD4 T- Cells	Laura Haynes
	Influenza Vaccination: T-Cell Responses Translate to Health Outcomes in Older Adults	Janet McElhaney
12:30–2:30 PM	Award Luncheon—Speaker: Britton Chance	Award Luncheon—Speaker: Britton Chance
2:30	SESSION 6: Trans-Atlantic Awareness & Collaboration Symposium on Aging Research	CHAIRS: Richard Faragher and Norman Wolf
	The Modification of IL-7 and the Reversal of Thymic Atrophy in Aged Mice	Sian Hensen
	Functional Effect of Failure of Adaptive Responses in Skeletal Muscle During Aging	Anne McArdle
	Reconstructing Young and Aged Skin	Ian Kill
	Analyzing the Relationship Between Oxidative Stress and Aging in Drosophila	Robert Saunders
	Understanding Soft Tissue Aging - the Effect of Cyclical Loading	Rodger Smith
	Inclusive Design Tool Based on Psychological and Biomechanical Functional Performance	Bernie Conway
4:30–5:30	Denham Harman Lecture	
5:30-6:00	AGE BUSINESS MEETING	
	Speaker dinner	
6:30	Student Session —Data Blitz, Round Table - discussion on perspectives on careers in aging research and Social event	
MONDAY, JUNE 5		
8:15	SESSION 7: Metabolic Syndrome and Aging	CHAIRS: Mohsen Meydani & Jose Ordovas
	Introduction: Metabolic Syndrome and its Connection to Aging	Mohsen Meydani
	Adipocytes, Inflammation and the Metabolic Syndrome in Aging	Nir Barzilai
	Mitochondrial Mutation, Aging and Metabolic Syndrome	Richard P. Lifton
	Intervention in Metabolic Syndrome of Aging	Jose Ordovas
10:15	<i>Break</i>	
10:30	SESSION 8: Calcium-Mediated Signal Transduction in Brain Aging	CHAIR: James Joseph
	The Duality of Signaling Effects Induced by Dietary Interventions in Oxidative Stress or Learning Paradigms	James Joseph
	Learning-Induced Activation of Transcription Factors Among Multiple Memory Systems	Paul J. Colombo
	Therapeutic Targets in Alzheimer's Disease: Signal Transduction Mechanisms	Mark A. Smith
12:30PM–2:00	NEW! Lunch – Trans-Atlantic Collaboration on Aging Workshop <i>Moderated by: Simin Meydani, Richard Faragher and Norman Wolf</i>	
3:00-5:00	NEW! PUBLIC and MEDIA SESSION: The New Age for Aging	CHAIR: Miriam E. Nelson Co-Chair: Simin Meydani
	Strong Women and Men Live Well: an Update on Physical Activity and Aging	Miriam E. Nelson
	Supplements for Health - <i>Should I Take and Which Ones?</i>	Robert M. Russell
	Positive Emotions and Aging	James Goodwin

35th AGE Annual Meeting

SPEAKERS

Chair:

Simin Nikbin Meydani, DVM, PhD

Shalender Bhasin, MD, Boston University School of Medicine, USA

Nir Barzilai, MD, Albert Einstein Medical School, USA

Dennis Black, PhD, UCSF, USA

Britton Chance, PhD, University of Pennsylvania, USA

Paul J. Colombo, PhD, Tulane Univ., USA

Bernie Conway, PhD, Strathclyde University, UK

Peter Elias, MD, Univ. of California, San Francisco, USA

William J. Evans, PhD, Univ. of Arkansas for Medical Sciences, USA

Richard Faragher, PhD, University of Brighton, UK

Toren Finkel, MD, PhD, NHLBI, USA

Barbara Gilchrest, MD, Boston University School of Medicine, USA

Geoff Goldspink, PhD, Royal Free and Univ. College Medical School, UK

James Goodwin, MD, University of Texas Medical Branch, USA

Jorg Goronzy, MD, Emory University, USA

Laura Haynes, PhD, Trudeau Institute, USA

Siegfried Hekimi, PhD, McGill University, Canada

Sian Hensen, PhD, Imperial College, UK

Donald Ingram, PhD, NIH/NIA, USA

James Joseph, PhD, JMUSDA-HNRCA at Tufts University, USA

Sewon Kang, MD, University of Michigan School of Medicine, USA

Ian Kill, PhD, Brunel University, UK

Robert Klein, MD, Oregon Health & Science University, USA

Anne McArdle, PhD, University of Liverpool, UK

Janet McElhaney, MD, University of Connecticut Health Center, USA

Mohsen Meydani, DVM, PhD, JMUSDA-HNRCA at Tufts University, USA

Miriam E. Nelson, PhD, Tufts University, USA

Jose Ordovas, PhD, JMUSDA-HNRCA at Tufts University, USA

Robert M. Russell, MD, JMUSDA-HNRCA at Tufts University/Ross Initiative on Aging, USA

Robert Saunders, PhD, Open Univ., UK

Mark A. Smith, PhD, CASE, USA

Rodger Smith, PhD, Royal Veterinary College, UK

Raj Sohal, PhD, University of Southern California, USA

Connie Weaver, PhD, Purdue University, USA

Norman Wolf, DVM, PhD, University of Washington, USA

Mina Yaar, MD, Boston University School of Medicine, USA