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**5th European
Congress
of
Biogerontology**

16-20 September 2006

Harbiye Military Museum&Cultural Center

Istanbul, Turkey

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SCIENTIFIC PROGRAM

16 September 2006, Saturday	
15:00-20:00	Registration
18:00-19:00	Opening Ceremony – Opening Speeches
19:00-20:00	Keynote Lecture
	"Aging and Longevity are No Longer Unsolved Problems in Biology" Leonard Hayflick (USA)
20:00-21:30	Reception and Poster Session A

17 September 2006, Sunday	
Session I: Evolutionary Biology of Aging	
09:00-09:30	"Paradigms and problems in the evolution of ageing and longevity" Tom Kirkwood (UK)
09:30-10:00	"Regulation of human lifespan" Rudi Westendorp (Netherlands)
10:00-10:15	Selected Oral Presentation I
10:15-10:30	Selected Oral Presentation II
10:30-10:45	Selected Oral Presentation III
10:45-11:00	Selected Oral Presentation IV
11:00-11:30	Coffee Break
Session II: Model Organisms, Caloric Restriction, Uncoupling Proteins in aging	
11:30-12:00	"Dietary restriction in Drosophila" Linda Partridge (UK)
12:00-12:15	Selected Oral Presentation I
12:15-12:30	Selected Oral Presentation II
12:30-14:00	Lunch

Session II: Model Organisms, Caloric Restriction, Uncoupling Proteins in aging		
14:00-14:30	"Probing New and Old Models for Mammalian Longevity: Alcohol Tolerance and Calorie Restriction "	James Nelson (USA)
14:30-15:00	"Mitochondrial function and ageing in the filamentous fungus Podospora anserina"	Heinz D. Osiewacz (Germany)
15:00-15:30	"Beneficial consequences of the late onset dietary restriction in rodents"	Sataro Goto (Japan)
15:30-15:45	Selected Oral Presentation III	
15:45-16:00	Selected Oral Presentation IV	
16:00-16:20	Coffee Break	
Session III: Premature Aging Syndromes and Age related diseases, human models in aging research		
16:20-16:50	"Modalities of Gene Action Predicted by the Classical Evolutionary Biological Theory of Aging"	George M. Martin (USA)
16:50-17:15	"Cellular Aging of Hutchinson-Gilford Progeria Syndrome Fibroblasts"	Ian R. Kill (UK)
17:15-17:40	"The Role Of Cellular Senescence In Werner's Syndrome: Towards Therapeutic Intervention In Human Premature Aging"	David Kipling (UK)
17:40-17:55	Selected Oral Presentation I	
17:55-18:10	Selected Oral Presentation II	
18:10-18:30	Coffee Break	
Session IV: Obesity, Nutrition and aging		
18:30-19:00	"Recent Developments in Caloric Restriction Mimetics"	George Roth (USA)
19:00-19:30	"Adaptive stress responses, inflammation and systemic regulation of adiposity and insulin action"	Gokhan Hotamisligil (USA)
19:30-19:45	Selected Oral Presentation I	
19:45-20:00	Selected Oral Presentation II	
20:00-00:00	Cruise and Dinner	

18 September 2006, Monday

Session V: Immunity and Aging

09:00-09:30	"Biomarkers of immune ageing: the Immune Risk Profile, IRP"	Graham Pawelec (Germany)
09:30-09:55	"Do membrane lipid rafts contribute to T cell activation changes with aging?"	Tamas Fülöp (Canada)
09:55-10:20	"Native and antigen-experienced T cells in old age"	Beatrix Grubeck-Loebenstein (Austria)
10:20-10:45	"Lymphocyte kinetics in the elderly"	Peter Beverley (UK)
10:45-11:00	Selected Oral Presentation	
11:00-11:30	Coffee Break	

Session VI: Genomic instability, epigenetic modulation of lifespan

11:30-12:00	"Poly(ADP-ribosyl)ation: A DNA strandbreak-driven posttranslational protein modification related with mammalian longevity"	Alexander Buerkle (Germany)
12:00-12:30	"DNA damage and the connection with aging"	Jan Hoeijmakers (Netherlands)
12:30-14:00	Lunch	

Session VI: Genomic instability, epigenetic modulation of lifespan

14:00-14:30	"Stochastic variation in life span; Is it really stochastic?"	Thomas E. Johnson (USA)
14:30-15:00	"Genomic instability and aging"	Jan Vijg (USA)
15:00-15:30	"Epigenetics and Aging: From DNA Methylation to Histone Modifications"	Manel Esteller (Spain)
15:30-15:45	Selected Oral Presentation I	
15:45-16:00	Selected Oral Presentation II	
16:00-16:20	Coffee Break	

Session VII: Cells, replicative senescence and aging

16:20-16:50	"Mitochondrial dysfunction and telomeres in cellular senescence"	Thomas von Zglinicki (UK)
16:50-17:15	"The role of DNA methylation, telomerase and p21 in cellular senescence"	James R. Smith (USA)

17:15-17:40	"The role of the MORF/MRG family of genes in cell growth, differentiation, DNA repair and thereby aging"	Olivia M. Pereira-Smith (USA)
17:40-17:55	Selected Oral Presentation I	
17:55-18:10	Selected Oral Presentation II	
18:10-18:30	Coffee Break	
Session VIII: Genetics and molecular biology of aging		
18:30-19:00	"Aging and Cancer: Are Telomeres and Telomerase the Connection?"	Jerry W. Shay (USA)
19:00-19:25	"Functional involvement of mortalin in cellular senescence and tumorigenesis"	Renu Wadhwa (Japan)
19:25-19:40	Selected Oral Presentation I	
19:40-19:55	Selected Oral Presentation II	
19:55-20:10	Selected Oral Presentation III	
20:10-22:00	Poster Session B	

19 September 2006, Tuesday

Session IX: Longitudinal Studies and Genetic Epidemiology of Human Aging		
09:00-09:30	"Genetics of healthy ageing in Europe"	Claudio Franceschi (Italy)
09:30-09:55	"The Metabolic Syndrome, Androgens, and Aging-Data from the Baltimore Longitudinal Study of Aging"	Reubin Andres (USA)
09:55-10:20	"Genetic Variation in Cancer and Aging: From the Bedside to Functional Genomics"	Yousin Suh (USA)
10:20-10:45	"In search of genetic and biological markers of human longevity"	Eline Slagboom (Netherlands)
10:45-11:00	Selected Oral Presentation	
11:00-11:30	Coffee Break	
Session X: Mitochondria, Free Radicals and Aging		
11:30-12:00	"Somatic mitochondrial DNA mutations and human ageing"	Douglass Turnbull (UK)

12:00-12:15	Selected Oral Presentation I	
12:15-12:30	Selected Oral Presentation II	
12:30-14:00	Lunch	
Session X: Mitochondria, Free Radicals and Aging		
14:00-14:30	"A first glance on the mammalian mitochondrial proteome and its age-dependent alterations"	Norbert A Dencher (Germany)
14:30-15:00	"Mitochondrial dysfunction in neurodegeneration and ageing"	Nils-Göran Larsson (Sweden)
15:00-15:30	"Effects of Age on the Mitochondrial Proteome"	Walter F. Ward (USA)
15:30-15:45	Selected Oral Presentation III	
15:45-16:00	Selected Oral Presentation IV	
16:00-16:20	Coffee Break	
Session XI: Oxidative stress and ROS signalling in aging processes		
16:20-16:50	"Stress-induced premature senescence: molecular mechanisms"	Olivier Toussaint (Belgium)
16:50-17:20	"Redox Regulation during Ageing"	Volker Ullrich (Germany)
17:20-17:45	"Prevention of oxidative and other molecular damage during aging by mild stress induced hormesis"	Suresh Rattan (Denmark)
17:45-18:10	"Cell signaling by Alpha-Tocopherol"	Angelo Azzi (Switzerland)
18:10-18:30	Coffee Break	
Session XII: Protein Folding, Degradation and Proteomics Analyzes in Aging		
18:30-18:55	"Longevity and survival factors implicated in human ageing"	Efstathios S. Gonos (Greece)
18:55-19:20	"Oxidized protein degradation and repair in ageing and oxidative stress"	Bertrand Friguet (France)
19:20-19:45	"Protein Oxidation and Proteolysis in Aging"	Kelvin Davies (USA)
19:45-20:10	"A ubiquitin-mediated switch dictating fidelity of DNA repair"	Douglass A. Gray (USA)
20:10-22:00	Gala Dinner & Closing Remarks	

20 September 2006, Wednesday

Session XIII: Systems Biology of Aging

09:00-09:30	"C. elegans systems biology to study aging and age-related disorders"	Ralf Baumeister (Germany)
09:30-10:00	"Towards a Virtual Ageing Cell"	Daryl Shanley (UK)
10:00-10:15	Selected Oral Presentation I	
10:15-10:30	Selected Oral Presentation II	
10:30-10:45	Selected Oral Presentation III	
10:45-11:00	Selected Oral Presentation IV	
11:00-11:30	Coffee Break	

Session XIV: Stem cell, Tissue regeneration and Engineering

11:30-12:00	"When 'prevention is better than cure' can be taken too far"	Aubrey de Grey (UK)
12:00-12:15	Selected Oral Presentation I	
12:15-12:30	Selected Oral Presentation II	
13:00-16:00	Tour for all participants	