

Scientific Program

Thursday, 22nd October 2015

15:00 – 17:30	Registration at Waterfront Ballroom, Level 2
17:45 – 18:00	Guest-of-honor: Mr GAN Kim Yong, Minister for Health, Singapore
	Welcome Note: Mr LIM Chuan Poh, A*STAR Chairman
	Prof YEOH Khay Guan, NUS Dean
	Chair: Barry HALLIWELL
18:00 – 19:00	Keynote: **Nir BARZILAI:** Functional and phenotypic alterations of the GH/IGF1 pathway in human longevity
19:00 – 21:00	Welcome Reception and Dinner at Promenade

Friday, 23rd October 2015

Session 1: Decoding Aging

Chair: Arne AKBAR

Invited Speakers

08:30 – 09:10	Tamas FÜLÖP: Does better understanding of the biological aging may improve the health of elderly?
09:10 – 09:50	Jane CAULEY: Risk Factors for Hip Fracture in Older Men: The Osteoporotic Fractures in Men Study (MrOS)
09:50 – 10:30	Claudio FRANCESCHI: Inflammaging, Garbaging and Nutrition
10:30 – 10:50	Networking Tea Break
10:50 – 11:30	Joao Pedro de MAGALHÃES: Building haystacks and finding needles in the genomics of ageing

Selected Abstracts

11:30 - 11:45	Craig WILLCOX - Outfoxing Death: How Foxo3 protects against human mortality
11:45 - 12:00	Mahtab JAFARI - Rhodiola rosea: A novel botanical intervention to increase lifespan and improve health span
12:00 – 12:15	Matthew RONDINA - Granzyme A is Increased in Platelets from Older Healthy Adults, Increasing MCP-1 and IL-8 Synthesis in Target Monocytes
12:15 – 12:30	Emilie COMBET - Determining the changes in the functional capacity of the gut to metabolise dietary polyphenol in ageing.
12:30 – 14:30	Networking Lunch & Poster Session A

Session 2: Interventions and Clinical Studies

Chair: Yap Seng CHONG

Invited Speakers

14:30 – 15:10	Luigi FONTANA: Promoting Health and Longevity through Diet: Metabolic and Molecular Mechanisms
15:10 – 15:50	Tze Pin NG: Physical, Cognitive and Psychosocial Dimensions of Frailty: Clinical and Interventional Studies in Singaporean Older Persons
15:50 – 16:10	Networking Tea Break
16:10 – 16:50	Judith CAMPISI: Cellular senescence links the degenerative and hyperplastic diseases of aging

Selected Abstracts

16:50 – 17:05	Masataka SUGIMOTO - Ablation of ARF-expressing cells ameliorates aging-associated pulmonary hypofunction
17:05 – 17:20	Kilian WISTUBA-HAMPRECHT - Immune ageing in European and Asian populations: BASE-II vs SLAS-II
17:20 – 17:35	Thiruma ARUMUGAM - Age and energy intake interact to modify stroke outcome
17:35 – 17:50	FENG LEI - Tea and healthy aging: findings from cohort studies in Asia

By invitation only:

17:50 – 19:30	Round Table Discussion, Chair: Graham PAWELEC at Veranda 1
20:00	Speakers' Dinner

Saturday, 24th October 2015

Session 3: Cellular Senescence

Chair: David LANE

Invited Speakers

08:30 – 09:10	Athanase BENETOS: Genetic and environmental determinants of Telomere Length
09:10 – 09:50	Thomas RANDO: Epigenetic mechanisms of stem cell aging and rejuvenation
09:50 – 10:30	Anis LARBI: Tracking the diversity of immune senescence
10:30 – 10:50	Networking Tea Break
10:50 – 11:30	Bertrand FRIGUET: The aged proteome - impact of protein oxidative modifications in cellular aging

Selected Abstracts

11:30 – 11:45	Oliver DREESEN - The role of LAP2 in the accelerated ageing syndrome
11:45 – 12:00	Richard HARTLEY - Exomarkers for quantifying mitochondrial ROS and gasotransmitters in whole living organisms
12:00 – 12:15	Gireedhar VENKATACHALAM - Replication stress-induced DNA damage drives a p53-dependent deep senescent phenotype in cells exposed to sublethal oxidative stress
12:15 – 12:30	Xinna LI - The p53/miR-34a/SIRT1 Positive Feedback Loop in different primate species fibroblasts response to Amino acid deprivation
12.30 - 12.45	Tey Siew Ling - Sensory Influences of Food Intake and Energy Regulation in Ageing: Implications for Elderly Nutrition and Well-Being
12:45 – 14:00	Networking Lunch & Poster Session B

Session 4: Regulation and Metabolism in Ageing

Chair: Laurent RÉNIA

Invited Speakers

14:00 – 14:40	Arne AKBAR: The Convergence of senescence and nutrient sensing pathways in lymphocytes
14:40 – 15:20	Stephan SIGRIST: Spermidine protects from age-induced memory decline
15:20 – 16:00	Maxime GUYE: Brain network organisation and dynamics in AD and ageing revealed by brain imaging
16:00 – 16:20	Networking Tea Break
16:20 – 17:00	Derek GILROY: The Effect of Ageing on Acute Inflammatory Resolution
17:00 – 17:40	Paul ROSS: The Gut Microbiome as a Predictor of Human Health and Aging
17:40 – 18:20	Brian KENNEDY: Drugs That Forestall Aging - Extending Healthspan
18:20 – 18:40	Closing Remarks and Awards
19:00	Departure for Farewell Dinner at Town Restaurant, Fullerton Hotel

Scientific Committee
Arne AKBAR
Yap Seng CHONG
Tamas FÜLOP
Hassen KARED
Anis LARBI

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For registration please contact: aging@immunol.a-star.edu.sg

Registration fee : SGD400 (inclusive of participation, welcome reception, tea breaks, lunches and farewell dinner)

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