

ARISE Networking Series  
Thrust 1 Ageing Medicine  
**Basic & Translational Approach to Ageing Research**  
Round Table Discussion with Experts  
27 March 2018  
9.30am-12.30pm  
Lecture Theatre – HQ @ LKC Medicine Novena



### **Synopsis**

The research landscape for ageing biology has undergone a massive transformation in the past decade, with remarkable discoveries that reveal newer therapies to significantly delay the ageing process. Such knowledge are profoundly ground-breaking, as they shift the paradigm of how we as a species understand human lifespan and mortality. With comprehensive knowledge of the fundamental mechanisms that drive ageing, researchers can work to improve healthspan in the human population and enhance the quality of life for those in their twilight years. In this networking session, we present prominent ageing researchers in local academia who will share their latest findings in basic and translational ageing research.

### **Organiser**

The Ageing Research Institute for Society and Education (ARISE) is a pan-university institute that supports multidisciplinary and interdisciplinary research at NTU focusing on ageing-related research, programmes and activities. ARISE's vision, 'Empower the ageing community, Improve the quality of life', corresponds to the institute's four research thrusts: (i) Ageing Medicine; (ii) Social Integration and Education; (iii) Ageing-in-Place; and (iv) Care & Lifestyle Enhancement.

### **About the Series**

The ARISE Networking Series provides a platform for interaction and discovery in the field of ageing research by engaging NTU faculty and research staff in pertinent themes relating to ageing. Each session is aligned with one of the Institute's four research thrusts, and prominent experts from the ministries, industry, healthcare providers and NTU faculty are invited to share their knowledge and expertise. The ARISE Networking Series is held once a year per research thrust.

### **Registration:**

[https://wis.ntu.edu.sg/pls/webexe/REGISTER\\_NTU.REGISTER?EVENT\\_ID=OA18022711250380](https://wis.ntu.edu.sg/pls/webexe/REGISTER_NTU.REGISTER?EVENT_ID=OA18022711250380)

# Programme Schedule

0930-1000	<b>Registration &amp; Refreshments</b>
1000-1010	Welcome Address <b>Professor Theng Yin Leng</b> Acting Executive Director ARISE Thrust Lead 2 for Social Integration & Education, NTU
1010-1025	Speaker 1: <b>Professor Balázs Gulyás</b> Professor of Translational Neuroscience Scientific Director- Neuroscience and Mental Health Research Programme, LKC Medicine, NTU <i>Ageing, Brain Ageing, Cognitive Resilience Building and Predictive Monitoring</i>
1025-1040	Speaker 2: <b>Dr. Anis Larbi</b> Principal Investigator Singapore Immunology Network (SIgN) Agency for Science, Technology and Research (A*STAR) <i>Sustained Immunity in Aging: a Cornerstone of HealthSpan</i>
1040-1055	Speaker 3: <b>Professor Sven Pettersson</b> Professor of Metabolic Disorders Principal Investigator, Microbiota Host Interactions, Nutrigenomics & Metabolism Laboratory, LKC Medicine, NTU <i>The Microbiome and Silver Generation; Challenges and Opportunities</i>
1100-1115	<b>Coffee/ Tea Break</b>
1115-1130	Speaker 4: <b>Nanyang Associate Professor Karen Crasta</b> National Research Foundation Fellow Principal Investigator, Genomic Instability and Cancer Laboratory <i>Genome Stability: Insights into Successful Aging in Nonagenarians</i>
1130-1145	Speaker 5: <b>Associate Professor Fabian Lim Chin Leong</b> Assistant Dean, Research Associate Professor of Exercise Physiology Principal Investigator, Exercise Physiology Laboratory, LKC Medicine, NTU <i>Rediscovering the Medical Value of Exercise in Age-associated Chronic Health Conditions</i>
1145-1205	Round-table Discussion with Experts
1210-	End of event