



Australian and New Zealand Society
for Sarcopenia and Frailty Research

Asia Pacific Virtual Symposium on Sarcopenia and Frailty Research

May 22nd, 2021 (1:00 PM-4:30 PM AET)

Preliminary Program

1:00 PM: Opening by the Presidents of the Societies

1:10-2:10 Basic Sciences - Moderators: Prof. Gustavo Duque (Australia), Prof. Naoyuki Kawao (Japan)

1:10-1:35: Keynote Speaker: Prof. Alan Hayes, Victoria University and Australian Institute for Musculoskeletal Science (AIMSS) (Australia) – “Using animal models to investigate prevention and treatment of sarcopenia”

1:35-1:45: Tohru Hosoyama, NCGG (Japan) – “Stem Cell Aging in Muscle and Sarcopenia”

1:45-1:55: Navneet Lal (New Zealand) – “Structural and functional investigations of muscle ageing in mice”

1:55-2:05: Tara Brennan-Speranza (Australia) – “Calciotropic hormones and muscle – novel findings with vitamin D and PTH”

2:10-3:20 Clinical Practice - Moderators: Prof. Hidenori Arai (Japan), Prof. Debra Waters (NZ)

2:10-2:35: Keynote Speaker: Prof. Liang-Kung Chen (Taiwan) – "Physio-Cognitive Decline Syndrome: the Phenotype of Unhealthy Aging"

2:35-2:45: Lara Vlietstra, University of Otago (NZ) – “High-intensity interval aerobic resistance training to counteract pre-sarcopenia in middle age, a randomized controlled trial”

2:45-2:55: Suey Yeung, Chinese University of Hong Kong (Hong Kong) – “Resting energy expenditure and sarcopenia in clinical practice”

2:55-3:05: Ben Kirk, University of Melbourne and AIMSS (Australia) – “Reference ranges for body composition in Australia: Clinical applications.”

3:05-3:15: Justin Chew, Tan Tock Seng Hospital (Singapore) – “Disentangling the relationship between intrinsic capacity and frailty”

3:20-4:30 Epidemiology - Moderators: A/Prof. Joshua Lewis (Australia), Prof. Lin Kang, Peking Union Medical College Hospital (Mainland China)

3:20-3:45: Keynote Speaker: Dr. Hamish Jamieson, Big Data and Better Ageing Research Group, University of Otago – “Reliability and Validity of a Frailty Score from a Standardised National Assessment”

3:45-3:55: Miji Kim, Kyung Hee University (Korea) – “Transitions Between Frailty States and Associated Factors in Community-Dwelling Older People.”

3:55-4:05: Marc Sim, Edith Cowan University (Australia) – “Biomarkers for sarcopenia-slow steps in the right direction?”

4:05-4:15: Ming Yang, Associate Director, National Clinical Research Center for Geriatrics (WCH), Professor, The Center of Gerontology and Geriatrics, West China Hospital, Sichuan University, Chengdu – “Scientometrics analysis and text mining of sarcopenia literature.”

4:15-4:30: Closing remarks: The future of sarcopenia and frailty research.

Jean Woo (Hong Kong)