## Friday 24th November 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00-16:00</td>
<td>Registration Desk open</td>
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| 09:00-09:20 | **Conference Opening and Welcome**  
**Convenor:** Professor Renuka Visvanathan. Director, Adelaide Geriatrics Training and Research with Aged Care Centre, University of Adelaide, South Australia  
**Hon Ken Wyatt AM, MP, Minister for Aged Care**  
**Welcome To Country:** Ms Katrina Karlapina Power |
| 09:20-10:10 | **Plenary Session**  
Chair: Professor Alex Brown, South Australian Health and Medical Research Institute (SAHMRI)  
A/Professor Dina LoGiudice. Geriatrician, Melbourne University, Victoria Understanding Frailty in Older (and not so old) Aboriginal and Torres Strait Islanders |
| 10:15-11:15 | **Symposium 1 - Muscle health during hospitalization and recovery**  
Chair: Andrea Maier  
**EMPOWER: Determinants of muscle health during acute hospitalization**  
Emmee Reijnierse  
**EMPOWER geriatric rehabilitation: Improving recovery from acute physical deterioration**  
Andrea Maier  
**EMPOWER: Understanding the role of inflammation in muscle health to improve geriatric rehabilitation**  
Gordon Lynch |
| 10:15-10:35 | **Symposium 2 - Osteosarcopenia: From Bench to Bedside**  
Chair: Gustavo Duque  
Osteosarcopenia: Pathophysiology and Potential Therapeutic Targets  
Gustavo Duque  
Falls and Fractures Clinic, an integrated approach to diagnose and treat Osteosarcopenia  
Pushpa Suriyarachchi |
| 10:35-10:55 | **Symposium 3 - Novel Exercise and Dietary Approaches For Sarcopenia and Cognitive Frailty**  
Chair: Robin Daly  
Novel exercise and nutritional approaches to optimise muscle health and mobility in the elderly  
Robin Daly  
Multi-factorial dietary, exercise and cognitive interventions for cognitive frailty  
Helen Macpherson  
Protein-fortification for managing frailty: implications for aged-care service providers  
Natalie Luscombe-Marsh |
| 10:55-11:15 | **Symposium 4 - Critical windows: Early-life precursors to sarcopenia and osteosarcopenia**  
Chair: Kerrie Sanders  
Optimising neuromuscular and musculoskeletal development in children to reduce later risk of sarcopenia: The Paediatrician’s viewpoint  
Christine Rodda  
Social disadvantage, childhood adversity and the musculoskeletal system: Poverty of muscle and bone?  
Sharon Brennan-Olsen  
The sedentary child: Muscle mass and strength  
Rachel Duckham |
| 11:15-11:30 | **Morning tea and exhibition** |
| 11:30-12:30 | **Plenary Session**  
Chair: Dr Tim Henwood, Southern X Care, South Australia  
Dr Olga Theou, Assistant Professor of Medicine, Dalhouise University, Nova Scotia, Canada  
Is Sedentary Behaviour Harmful For All Older Adults? |
| 12:30-14:30 | **Lunch and Exhibition and posters including:**  
**AMGEN Sponsored Symposium**  
Chair: Professor Renuka Visvanathan, Director, Adelaide Geriatrics Training and Research with Aged Care Centre, University of Adelaide, South Australia  
Professor Cyrus Cooper OBE. Director of the MRC Lifecourse and Epidemiology Unit at University of Southampton and Professor of Epidemiology at Oxford University, United Kingdom Sarcopenia and Physical Frailty: Conceptual Frameworks and Descriptive Epidemiology |
| 14:30-15:30 | **Symposium 3 - Novel Exercise and Dietary Approaches For Sarcopenia and Cognitive Frailty**  
Chair: Robin Daly  
Novel exercise and nutritional approaches to optimise muscle health and mobility in the elderly  
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| 14:30-14:50 | **Symposium 4 - Critical windows: Early-life precursors to sarcopenia and osteosarcopenia**  
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Sharon Brennan-Olsen  
The sedentary child: Muscle mass and strength  
Rachel Duckham |
| 14:50-15:10 | **AMGEN Sponsored Symposium**  
Chair: Professor Renuka Visvanathan, Director, Adelaide Geriatrics Training and Research with Aged Care Centre, University of Adelaide, South Australia  
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| 15:10-15:30 | **Symposium 3 - Novel Exercise and Dietary Approaches For Sarcopenia and Cognitive Frailty**  
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Natalie Luscombe-Marsh |
<p>| 15:30-15:45 | <strong>Afternoon tea and exhibition</strong> |</p>
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| 15:45-16:45 | **Plenary Session**  
Chair: Professor Susan Kurrle, Current Chair in Health Care of Older People in the Faculty of Medicine at the University of Sydney  
**Professor Manuel Montero Odasso**, Director, Gait and Brain Laboratory, Parkwood Institute London, Ontario, Canada  
Frailty and cognitive impairment in older adults. Fellow travelers or partners in crime? |
| 16:45-17:45 | **Outstanding Abstracts**  
Chair: Professor Manuel Montero Odasso  
Construct and predictive validity of SARC-F as a risk assessment community screening tool for sarcopenia  
Wee Shiong Lim, Laura Tay, Yew Yoong Ding, Audrey Yeo, Suzanne Yew, Bernard Leung, Cher Heng Tan, Noor Hafizah, Mei Sian Chong |
| 17:00-17:15 | The effects of vitamin D supplementation on skeletal muscle function and fatigue in sedentary and physically active mice  
Danielle Debruin, Emma Rybalka, Craig Goodman, Alan Hayes |
| 17:15-17:30 | Sarcopenic obesity, metabolic syndrome and insulin resistance over five years in older men: The Concord Health and Ageing in Men Project  
David Scott, Robert Cumming, Vasi Naganathan, Fiona Blyth, David Le Couteur, Vasant Hirani |
| 17:30-17:45 | Vitamin D and its metabolism is directly associated with improved bone quality in elderly patients  
Deepti Sharma, Tom Robertson, Roumen Stamenkov, Catherine Stapledon, Gerald Atkins, Peter Clifton, Bogdan Solomon, Howard Morris, Paul Anderson |
| 18:30-20:30 | **Welcome Reception, National Wine Centre**  
*Sponsored by*  
[Image: the hospital research foundation logo] |
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<tr>
<td>08:00-08.50</td>
<td>Meet the Professor Breakfast 1</td>
<td>Professor Matteo Cesari Cliniically, is it useful to measure for Sarcopenia? Moderator: A/Professor Debra Waters</td>
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<td>Meet the Professor Breakfast 2</td>
<td>Professor Cyrus Cooper Osteoporotic fracture: recent advances in risk assessment, prevention and treatment at the bone muscle interface Moderator: Professor Ian Chapman</td>
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<td>09:00-10:00</td>
<td>Plenary Session</td>
<td>Chair: Professor Gustavo Duque, Director of the Australian Institute for Musculoskeletal Science, Melbourne University, Victoria Professor Paul Gregorevic, Head Muscle Research and Therapeutics Laboratory, Baker Heart and Diabetes Institute, Melbourne, Victoria Exploring new roles for the TGFb signalling network in skeletal muscle</td>
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<td>10:15-11:15</td>
<td>Symposium 5 - Protein and Specific Amino Acids Regulate Food Intake and Skeletal Muscle Homeostasis - Mechanistic Insights Maintaining a Health Body Weight</td>
<td>Chair: Stijn Soenen Ageing, dietary protein and appetite related gastrointestinal mechanisms Stijn Soenen</td>
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<td>10:15-10:35</td>
<td>Plenary Session</td>
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<td>10:35-11:15</td>
<td>Symposium 6 - Frailty in community-dwelling older adults – insights from the Singapore Longitudinal Ageing Study</td>
<td>Chair: Shiou-Liang Wee</td>
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<td>11:30-12:30</td>
<td>Plenary Session</td>
<td>Chair: A/Professor Solomon Yu, Geriatrician, The Queen Elizabeth Hospital, South Australia Professor Matteo Cesari, Geriatrician, Universite de Toulouse, France Frailty: One Word For Multiple Applications</td>
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<tr>
<td>12:30-14:30</td>
<td>Lunch and Exhibition and posters including Parallel sessions</td>
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<tr>
<td>14:30-15:30</td>
<td>Parallel sessions</td>
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<td>14:30-14:40</td>
<td>Oral Communications A</td>
<td>Chair: Professor Gordon Lynch</td>
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<td></td>
<td>A spotlight on preventing falls and fractures in older adults: The Osteosarcopenia Roadshow®</td>
<td>Sharon Brennan-Dlses, Steven Phu, Ebraham Bani Hassan, Gustavo Duque</td>
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<td>14:40-14:50</td>
<td>Oral Communications B</td>
<td>Chair: To be advised</td>
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<td>Predicting trajectories of functional decline in 60-70 year old people</td>
<td>Nini Jonkman, Vieri Del Panta, Trynke Hoekstra, Marco Colpo, Natasha van Schoor, Stefania Bandinelli, Luca Cattelani, Jorunn Helbostad, Beatrix Vereijken, Mirjam Pijnappels, Andrea Maier</td>
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<td>Replacing gait speed in definitions of sarcopenia for a subjective measure: diagnostic accuracy of modified definitions</td>
<td>Esmee M. Reijnierse, Marijke C. Trappenburg, Gerard Jan Blauw, Carel G.M. Meskers, Andrea B. Maier</td>
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Draft Program as at 19 October 2017 - Subject to change.
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<tr>
<th>Time</th>
<th>Oral Communications A cont..</th>
<th>Oral Communications B cont..</th>
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<tr>
<td>14:50-15:00</td>
<td>Prevalence rates of sarcopenia in older patients using different diagnostic criteria</td>
<td>Prospective associations of low muscle mass/ strength and low bone mass with incident fracture and mortality over 10 years in community-dwelling older adults</td>
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<td>Angela Buljan, Esme M. Reijnierse, Camilla S. L. Tuttle, Sjors Verlaan, Carel G. M. Meskers, Andrea B. Maier</td>
<td>Saliu Balogun, Tania Winzenberg, Karen Wills, David Scott, Graeme Jones, Michele L. Callisaya, Dawn Aitken</td>
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<td>15:00-15:10</td>
<td>Vitamin D deficiency induces mild oxidative stress in rat muscle and treatment with Vitamin D can reverse and protect against oxidative stress changes</td>
<td>Alterations in differentiation potential of Mesenchymal Stem Cells derived from Winne mice models of Spontaneous Chronic Colitis: implications for IBD-associated Osteopenia</td>
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<td>Mehrajuddin Bhat</td>
<td>Shilpa Sharma, Kulmira Nurgali, Gustavo Duque</td>
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<td>15:10-15:20</td>
<td>The influence of ethnicity and geographical location on sarcopenia prevalence in older adults: A Pilot Study</td>
<td>Frailty and fracture risk in older women</td>
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<td>Alan Hayes, David Scott, Lachlan McMillan, Sandor Dorgo</td>
<td>Monica Tembo, Kara Holloway, Lana Williams, Sophia Sui, Sharon Brennan-Olsen, Mark Kotowicz, Sarah Hosking, Julie Pasco</td>
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<td>15:20-15:30</td>
<td>Ultrasonographic muscle and subcutaneous fat thickness as a measure of body composition and muscle function</td>
<td>Sarcoopenia is associated with higher cortical porosity at the tibia in ambulant female aged-care residents</td>
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<td>Caroline Giezenaar, Linda Watson, Chris Rayner, Michael Horowitz, Ian Chapman, Stijn Soenen</td>
<td>Bernadet Sutanto, Sandra Iuliano, Ego Seeman</td>
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<tr>
<td>15:30-15:45</td>
<td>Afternoon tea and exhibition</td>
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<td>Plenary Session</td>
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<td>Chair: Professor Ian Cameron, Chair in Rehabilitation Medicine, Sydney University, NSW</td>
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<td>A/Professor Debra Waters, Director of Gerontology Research, Dunedin School of Medicine, University of Otago, New Zealand</td>
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<td></td>
<td>Title: Sarcopenic and Obese: Challenges for Identification and Treatment</td>
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<td>16:45-17:30</td>
<td>Annual Meeting of the Australian and New Zealand Society for Sarcopenia and Frailty Research</td>
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<td>17:30-17:40</td>
<td>Awards and Closure</td>
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Poster Presentations

P1 Telomere Length Associates with a Frailty Index Based on Standard Laboratory Measurements (FI-LAB)
   Elsa Dent, Emiel Hoogendijk, Max Moldovan 0008

P2 Underdiagnosis of delirium in an entire Australian tertiary hospital
   Peter W. Lange, Marissa Lamanna, Rosie Watson, Andrea B Maier 0009

P3 Tracking changes in frailty throughout later life: results from a 17-year longitudinal study in the Netherlands
   Emiel O. Hoogendijk, Kenneth Rockwood, Olga Theou, Joshua J. Armstrong, Bregie D. Onwuteaka-Philipsen, Dorly J.H. Deeg, Martijn Huisman 0010

P4 Factors Predicting Operative vs Non-operative Management of Elderly Hip Fracture Patients in Singapore
   Pamela Sebastian, Vignesh Sivasamy, Minh Ha Nguyen, Kelvin Yip, Kaysar Mamun, Dennis Seow 0011

P5 Plasma Level of IL-6 and IL-10 in Association with Frailty in Community-Dwelling Elderly
   Diana Jeni, Sri Sunarti, C. Singgih Wahono, Djoko Wahono 0012

P6 Does a pleasant sex life protect against mortality in older age?
   Suzanne Luesken, Shanice Beerepoot, Dorly Deeg, Martijn Huisman 0014

P7 Demographic and medical characteristics of oldest old frail hospitalised patients
   Kellie Hanna, Charles Inderjeeth 0015

P8 Bone turnover markers in frail older (senile osteoporosis) vs post-menopausal osteoporosis: a principal component analysis
   Charles Inderjeeth, Warren Raymond, Kien Chan, Preeti Nair, EE Mun Lim 0016

P9 Frailty: Impact on Functional Gain, Resource Utilisation, and Discharge Destination: An Observational Prospective Study in a Geriatric Evaluation Unit
   Sujatha Kawryshanker, Warren Raymond, Katharine Ingram, Charles Inderjeeth 0017

P10 Charlson Comorbidity Index scores as a marker of frailty do not influence gains in Functional Independence Measure score in older rehabilitation patients
   Sarah Bernard, Charles Inderjeeth 0018

P11 Frailer patients with Osteoporosis and Dementia in Orthogeriatric Care: poorly managed with high morbidity and mortality
   Noreen Mughal, Andrisha Inderjeeth, Charles Inderjeeth 0019

P12 Frail dementia patients are at higher risk of adverse health outcomes following an acute hospital admission - A 1 Year Prospective Cohort Study
   Jewel Baldevarona-Llego, Laura Tay, Esther Ho, Lynn Wu, Edward Chong 0022

P13 Frailty in Hospitalized Older Adults: Comparing Different Frailty Measures in Predicting Short- and Long-term Patient Outcomes
   Edward Chong, Esther Ho, Jewel Baldevarona-Llego, Lynn Wu, Mark Chan, Laura Tay, Ding Yew Yoong, Lim Wee Shiong 0024

P14 Systematic review and meta-analysis of prevalence of sarcopenia in post acute inpatient rehabilitation
   Irina Churilov, Leonid Churilov, Richard Maclisaac, Efik Ekinci 0025

P15 The association of sitting time with sarcopenia status and physical performance at baseline and 18-month follow up in the residential aged care setting
   Natasha Reid, Justin Keogh, Paul Swinton, Paul Gardiner, Timothy Henwood 0027

P16 Geriatric assessment in older lung cancer patients
   Claire Maddison, Lou Irving, Kwang Lim, Andrea Maier 0028

P17 Effects of preoperative sarcopenia on progression of rehabilitation in elderly patients following cardiovascular surgery
   Yosuke Morimoto, Yudai Yano, Yuichi Tawara, Takuya Fukushima, Yui Tabuchi, Naoki Mio, Kazuyoshi Tanigawa, Kiyoyuki Eishi, Ryo Kozu 0029

P18 Frailty screening in elderly patients referred to orthopaedics for elective joint replacement
   Claire Meyerkort, Matt Brbich, Trish Baldwin, David Oldham, Charles Inderjeeth 0030

P19 Lower Indigenous mortality in very remote areas at old age
   Edward Carson, Sifat Sharmin, Andrea Maier, Johannes Meij 0031
Poster Presentations – FRIDAY (Posters 1 – 32)

P20  Frailty Predicted Urinary Incontinence among Hospitalized Older Adults
Edward Chong, Esther Ho, Jewel Baldevarona-Llego, Lynn Wu, Laura Tay, Mark Chan, Lim Wee Shiong, Ding Yew Yoong 0032

P21  Concurrence of frailty and multimorbidity in geriatric outpatients
Prasenjit Sengupta, Esmeer M. Reijnierse, Sue Y. Yeung, Alain K. Koyama, Gerard-Jan Blauw, Wen Kwang Lim, Carel G.M. Meskers, Andrea B. Maier 0033

P22  Handgrip strength cannot be assumed a proxy for overall muscle strength

P23  Does muscle mass and muscle strength in hospitalised older patients depend on acute inflammation?
Jessamine Y. J. Liu, Esmeer M. Reijnierse, Sjors Verlaan, Carel G.M. Meskers, Andrea B. Maier 0035

P24  Prediction of falls and mortality three months after discharge in hospitalised older patients
Vivien K. Pham, Esmeer M. Reijnierse, Sjors Verlaan, Carel G.M. Meskers, Andrea B. Maier 0038

P25  Orthostatic hypotension is not associated with falls and frailty in a cohort of geriatric outpatients
Phuong Thanh Silver Bu Huong, Esmeer M. Reijnierse, Rebecca Iseli, Gerard Jan Blauw, Carel G. M. Meskers, Wen Kwang Lim, Andrea B. Maier 0039

P26  Orthostatic hypotension is not associated with cognition in a cohort of geriatric outpatients
Vi Truc Vo Nguyen, Esmeer M. Reijnierse, Rebecca Iseli, Gerard Jan Blauw, Carel G. M. Meskers, Kwang Lim, Andrea B. Maier 0040

P27  Patterns of disease accumulation in middle-aged to old individuals
Aaron Diker, Sifat Sharmin, Alain Koyama, Natasja van Schoor, Wen Kwang Lim, Andrea B. Maier 0041

P28  Does executive function mediate the association between white matter lesions and gait speed in geriatric outpatients?
Julius M. Nagaratnam, Sifat Sharmin, Alain Koyama, Wen Kwang Lim, Ana Ruiz-Clavijo, Tarik T. Binnekade, Marijke C. Trappenburg, Andrea B. Maier 0042

P29  Relationships of inflammatory markers TNF-α, IL-6, IL-10 and IL-1RA with age and muscle parameters in healthy young and old individuals
Lachlan A.N. Thang, Camilla S.L. Tuttle, Sarianna Sipila, Laurie Stenroth, Marco V. Narici, Jean-Yves Hogrel, Gillian Butler-Browne, Jamie S. McPhee, Mati Pääsuke, Helena Gapeyeva, Andrea B. Maier 0043

P30  Living in very remote areas, benefit Indigenous survival at old age: A systematic review and meta-analysis
Edward Carson, Sifat Sharmin, Andrea B Maier, Johannes J Meij 0044

P31  Handgrip strength is less significantly associated with health characteristics compared to knee extension strength among geriatric outpatients
Sue Y. Yeung, Esmeer M. Reijnierse, Marijke C. Trappenburg, Gerard J. Blauw, Carel G.M. Meskers, Andrea B. Maier 0045

P32  Implementing 4ATs and TIME bundles: Early Recognition and Management of Delirium in Geriatric Patients Admitted to Acute Trauma Wards Post Falls
Min Yi Yap, Jing Yi Yap 0046
ANZSSFR 2017 Annual Meeting

Poster Presentations – SATURDAY (Posters 33 – 62)

P33  Risk factors for fragility fracture in stroke patients post Rehabilitation
Shivlal David, Warren Raymond, Kien Chan, Charles Inderjeeth  0047

P34  Association between limits of stability and lower limb function, static balance and fear of falling in community dwelling older adults
Steven Phu, Rita Kinsella, Sara Vogrin, Ahmed Al Saedi, Gustavo Duque  0048

P35  Association of frailty and management outcomes (operative vs non-operative) of elderly hip fracture patients
Pamela Ann Sebastian, Yu Ling Tay, Rachel Ng, Vignesh Sivasamy, Minh Ha Nguyen, Dennis Seow  0049

P36  Sarcopenia and Frailty *THE VOICE OF THE STAKEHOLDERS*
Giovanna Anselli  0060

P37  Profile of musculoskeletal health among the pre-retiree demographic
Julie Pasco, Kara Holloway, Natalie Hyde, Mark Kotowicz, Monica Tembo, Pamela Rufus, Sophia Sui, Michael Berk  0051

P38  Fall risk and balance confidence in patients with diabetic peripheral neuropathy
Kavita Venkataraman, Vivian Pun, Tessa Riandini, Michelle Wong, Dinesh Natarajan  0056

P39  SARC-F: Defining a validated cutoff for pre-sarcopenia for risk assessment among community dwelling older persons
Wee Shiong Lim, Laura Tay, Audrey Yeo, Suzanne Yew, Noor Hafizah, Yew Yoong Ding  0057

P40  A multicomponent intervention program to improve physical function and frailty in vulnerable older adults: a designed-delay intervention study
Il-Young Jang, Hee-Won Jung, Chang Ki Lee, Sang Soo Yu, Ju Jin Jung, Seon-hee Cheon, Young Soo Lee, Eunju Lee, Robert J. Glynn, Dae Hyun Kim  0058

P41  Urologic symptoms and burden of frailty and geriatric conditions in older men: The Aging Study of Pyeongchang Rural Area
Il-Young Jang, Chang Ki Lee, Hee-Won Jung, Sang Soo Yu, Young Soo Lee, Eunju Lee, Dae Hyun Kim  0059

P42  A New Flow Cytometry Method to Quantify Lamin A Expression in Circulating Osteoprogenitor (COP) Cells
Ahmed Al Saedi, Piumali Gunawardene, Gustavo Duque  0062

P43  Protocol for the validation of the health assets index to predict improved outcomes for frail older adults admitted to hospital
Kate J Gregorevic, Ruth E Hubbard, Nancye M Peel, Wen Kwang Lim  0063

P44  The impact of sarcopenia on surgical outcomes in patients undergoing surgery for head and neck cancer
Thi Pham, Hau Cher Choi, Andrew Foreman, Catherine Gibb, Solomon Yu  0064

P45  Are current definitions of (pre)sarcopenia suitable for older men treated with androgen deprivation therapy for prostate cancer?
Patrick Owen, Robin Daly, Niamh Mundell, Jack Dalla Via, Stephen Foulkes, Patricia Livingston, Steve Fraser  0066

P46  Effects of substitution or addition of carbohydrates and fat to protein-supplements on energy intake and underlying gastrointestinal-mechanisms in healthy older men
Caroline Gezenaar, Trygve Hausken, Karen Jones, Michael Horowitz, Ian Chapman, Stijn Soenen  0068

P47  Using a Frailty Index in intellectual disability outpatient clinics
Clive Sun, Seeta Durvasula, Samuel Arnold, Ian Cameron  0069

P48  Orthostatic hypotension and falls in older adults: A systematic review and meta-analysis
Phuong Thanh Silvie Bui Hoang, Arjen Mol, Esmee M. Reijnierse, Marijke C. Trappenburg, Carel G. M. Meskers, Andrea B. Maier  0070

P49  Towards a biological geriatric assessment
Camilla Tuttle, Andrea Maier  0071

P50  Using falls data to identify patterns in the environment and circumstances of injurious falls among older community-dwelling women
Karen Lim, Kerrie Sanders, Catherine Connaughton, Ghazala Naureen, Amanda Stuart, David Scott, Geoff Nicholson, Lucy Busija  0072

P51  Sarcopenia and its association with falls and fractures in older adults: A systematic review and meta-analysis
Vivien K. Pham, Suey S.Y. Yeung, Esme M. Reijnierse, Marijke C. Trappenburg, Carel G.M. Meskers, Andrea B. Maier  0073
Poster Presentations – SATURDAY (Posters 33 – 62)

P52  Markers of cellular senescence and chronological age in various human tissues: a systemic review of the literature
Mariette Waaijer, Camilla Tuttle, Rudi Westendorp, Andrea Maier  0074

P53  Inflammation and its association with muscle strength and muscle mass: a systematic review and meta-analysis
Lachlan Thang, Jimmy Ky, Camilla Tuttle  0076

P54  The anabolic effect of Picolinic acid on Wnt signalling pathway in vitro
Ahmed Al Saedi, Lakshman Singh, Gustavo Duque  0077

P54  Twitter as a tool for knowledge translation in #frailty research: A snapshot report
Sunita Jha, Julee McDonagh, Ros Prichard, Phillip Newton, Louise Hickman, Peter Macdonald, Caleb Ferguson  0078

P55  Frailty independently predicts 12 monthly mortality following an acute heart failure admission
Phillip Newton, Si Si, Christopher Reid, Peter Macdonald  0079

P56  Frailty is associated with reduced patient reported quality of life in advanced heart failure patients and clinicians are poor at identifying it
Roslyn Prichard, Stephen Goodall, Peter Macdonald, Fei-Li Zhao, Sunita Jha, Patricia Davidson, Julee McDonagh, Philip Newton, Christopher Hayward  0080

P57  Frailty is highly prevalent among inpatients and outpatients with heart failure according to two frailty measurement instruments
Julee McDonagh, Roslyn Prichard, Sunita R Jha, Caleb Ferguson, Peter S Macdonald, Phillip J Newton  0081

P58  Patient, Hospital, and Environment related risk factors of all-cause adult hospital readmission: A systematic review
Katherine Carasco, Sifat Sharmin, Johannes J Meij, Andrea B Maier  0082

P59  Clinical and non-clinical indicators for unplanned hospital readmissions: in an Australian population
Katherine Carasco, Sifat Sharmin, Johannes J Meij, Andrea B Maier  0083

P60  Osteoanabolic action of Picolinic Acid in Human Mesenchymal Stem Cells: Involvement of the canonical wnt/beta-catenin pathway
Lakshman Singh, Ahmed al Saedi, Ebrahim Bani Hassan, Gustavo Duque  0085

P61  A Review of Frailty in Head and Neck Cancer
Anthony Noor, Catherine Gibb, Andrew Foreman  0086

P62  Screening for health fragility in the emergency department
Ouyachchi Younes, Farnart Philippe, Wiel Eric  0001