

FINAL PROGRAM

ICFSR 2023

International Conference on
Frailty & Sarcopenia Research

March 22-24, 2023 Toulouse, France



IN-PERSON IN TOULOUSE, FRANCE
and livestreamed via the ICFSR website



Conference Venue:
Hôtel Dieu Saint Jacques • 1 rue Viguerie • 31000 Toulouse (France)

All abstracts and proceedings will be published in the Journal of Frailty Aging (JFA)

JFA

www.jfrailtyaging.com

www.icfsr.com

Wednesday • March 22, 2023

All sessions in Ballroom 1 (Salle des Colonnes)

2:00-3:00 PM POSTER SESSION

3:00-3:20 PM **WELCOME:** Roger Fielding, Boston (USA), Jorge Ruiz, Miami (USA), Heike Bischoff-Ferrari, Zurich, (Switzerland), Bruno Vellas, Yves Rolland, Toulouse (France)

PRESENTATION OF THE ICFSR LIFETIME ACHIEVEMENT AWARD

Leocadio Rodríguez Mañas, Hospital Universitario de Getafe, Madrid (Spain)

3:20-3:40 PM KEYNOTE 1: FRAILITY: TWENTY YEARS LATER, TWENTY YEARS AHEAD

Introduction: Bruno Vellas, Gerontopole, Toulouse University Hospital (France)

Leocadio Rodríguez Mañas, Hospital Universitario de Getafe, Madrid (Spain)

3:40-4:20 PM SYMPOSIUM 1: A Road Map for the Development of High Priority Physical Frailty Research

Moderator: Jeremy Walston, Johns Hopkins University, Baltimore, Maryland (USA)

• Biological Research Priorities

Jeremy Walston, Johns Hopkins University, Baltimore, Maryland (USA)

• Future Implementation Research Priorities

Qian-Li Xue, Johns Hopkins University, School of Public Health, Baltimore, Maryland (USA)

• Public Health Research Priorities

Karen Bandeen-Roche, Johns Hopkins University, Baltimore, Maryland (USA)

4:20-5:20 PM ORAL COMMUNICATIONS

Moderators: Roger Fielding, Boston (USA), Heike Bischoff Ferrari, Zurich (Switzerland)

4:20-4:30 PM **OC1 • The apelin receptor agonist BGE-105 prevents muscle atrophy induced by bed rest in healthy volunteers aged ≥ 65 years**

Ann Neale, BioAge Labs, Richmond, CA, (USA)

4:30-4:40 PM **OC2 • Impact of L-Citrulline supplementation and low-intensity resistance training on leg endothelial function, lean mass, and strength in postmenopausal women with hypertension**

Arturo Figueroa, Department of Kinesiology and Sport Management, Texas Tech University, Lubbock, TX, (USA)

4:40-4:50 PM **OC3 • Living longer but frailer? Trends in life expectancy and frailty in older Swedish adults**

Clare Tazzeo, Aging Research Center, Department of Neurobiology, Care Sciences and Society, Karolinska Institutet and Stockholm University, Stockholm, (Sweden)

4:50-5:00 PM **OC4 • Identification of Biomarkers of Frailty in Silico**

Kristina Tomkova, Department of Cardiovascular Sciences, University of Leicester, Leicester, (UK)

5:00-5:10 PM **OC5 • Association between depressive symptoms and frailty by different physical activity levels in European community-dwelling older adults enrolled in the DO-HEALTH trial A three-year prospective observational analysis**

Michael Gagesch, Department of Aging Medicine and Aging Research, Centre on Aging and Mobility, University Hospital Zurich, City Hospital Zurich Waid and University of Zurich, Zurich, (Switzerland)

5:10-5:20 PM **OC6 • Association between the severity of the disease and the risk of sarcopenia in people who recovered from COVID-19**

Ester Wiggers, Geriatric Department, University of Sao Paulo, Ribeirao Preto (Brazil)

5:20-6:00 PM SYMPOSIUM 2: Biomarkers of Cellular Senescence: Results from the LIFE, CALERIE, and Health ABC studies

Moderator: Nathan K. LeBrasseur, Mayo Clinic Mayo Clinic, Rochester, MN (USA)

• **Biomarkers of Cellular Senescence Predict Onset of Mobility Disability and are Modifiable by Exercise in Older Adults with Mobility Limitations: Results from the Lifestyle Interventions for Elders (LIFE) Study**

Roger A. Fielding, Tufts University, Boston, MA (USA)

• **Caloric Restriction Reduces Biomarkers of Cellular Senescence in Humans**

Nathan K. LeBrasseur, Mayo Clinic, Mayo Clinic, Rochester, MN (USA)

• **Biomarkers of Cellular Senescence are Associated with Adverse Clinical Outcomes and Mortality in Older Adults**

Steven Cummings, California Pacific Medical Center Research Institute, San Francisco CA (USA)

6:00 PM POSTER SESSION

Thursday • March 23, 2023

All sessions in Ballroom 1 (Salle des Colonnes)

8:00-9:00 AM **POSTER SESSION**

9:00-9:40 AM **ORAL COMMUNICATIONS**

Moderators: Luigi Ferrucci, NIA, Baltimore, MD (USA), Sandrine Andrieu, INSERM, University of Toulouse (France)

9:00-9:10 AM **OC7 • Biochemical markers of musculoskeletal health and aging to be assessed in clinical trials of drugs aiming at the treatment of sarcopenia**

Etienne Cavalier, CHU de Liege, University of Liege, Liege, (Belgium)

9:10-9:20 AM **OC8 • Association Between Thyroid Function and Lower Limb Composition in Older Adults: Analysis from the Baltimore Longitudinal Study of Aging**

Jennifer Mammen, Johns Hopkins University School of Medicine, Department of Medicine, Baltimore MD (USA)

9:20-9:30 AM **OC9 • Aging transcriptomic signatures of high intense exercise affecting muscle bioenergetics**

Luigi Ferrucci, NIA, Baltimore, MD (USA)

9:30-9:40 AM **OC10 • BIOPHYTIS BIO101: a candidate treatment for long COVID after hospitalization?**

Cendrine Tourette, Biophytis, Sorbonne Université, Paris (France)

9:40-10:00 AM **KEYNOTE 2: HOW TO DEVELOP DRUGS FOR SARCOPENIA?**

Introduction: Roger Fielding, Tufts University, Boston, MA (USA)

Ann Belien, Rejuvenate Biomed, Diepenbeek (Belgium)

10:00-10:40 AM **SYMPOSIUM 3: SOMMA: Re-imagining Frailty and Sarcopenia**

Moderator: Peggy Cawthon - California Pacific Medical Center, Research Institute, San Francisco, CA (USA)

• **Classically defined phenotypic frailty and its relationship with muscle mitochondrial energetics in SOMMA**

Theresa Mau, California Pacific Medical Center, Research Institute, San Francisco, CA, (USA)

• **Relationship of Clinical Sarcopenia Definitions to Aging Muscle Biology in SOMMA**

Russell T. Hepple, University of Florida, Gainesville, FL, (USA)

• **SOMMA Frailty: Advancing the Science of Frailty**

Anne B. Newman, University of Pittsburgh, Pittsburgh, PA, (USA)

10:40-11:10 AM **COFFEE BREAK AND POSTER SESSION**

11:10-11:30 AM **KEYNOTE 3: VIVIFRAIL - EXERCISE FOR OLDER ADULTS WITH FRAILTY**

Introduction: Philippe Barreto, Gerontopole, Toulouse University Hospital (France)

Mikel Izquierdo, Universidad Publica de Navarra, Pamplona (Spain)

11:30-12:10 PM **SYMPOSIUM 4: Disentangling Relationships among Resilience, Frailty, Self-Reported Health: Longitudinal Evidence from Community and Clinical Studies of Older Adults**

Moderator: Qian-Li Xue, Department of Medicine Division of Geriatric Medicine and Gerontology, School of Medicine, Johns Hopkins University, Baltimore, MD, (USA)

• **Frailty and Self-Reported Health as Surrogate Markers of Physiological Resilience: Findings from the SPRING-RESTORE Study**

Brian Buta, Department of Medicine, Johns Hopkins University, Baltimore, MD (USA)

• **Physical Frailty, Self-Reported Health and All-Cause Mortality: Implications for Resilience**

Qian-Li Xue, Department of Medicine Division of Geriatric Medicine and Gerontology, School of Medicine, Johns Hopkins University, Baltimore, MD, (USA)

• **Interactions between Self-Reported Health and Free-Living Movement Patterns on Frailty Incidence**

Amal A. Wanigatunga, Dept of Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD (USA)

12:10-12:30 PM **KEYNOTE 4: WHAT CAN ICOPE BRING TO THE PREVENTION OF FRAILTY**

Introduction: Bruno Vellas, Gerontopole, Toulouse University Hospital (France)

John Beard, Global Centre for Modern Ageing, Geneva (Switzerland)

12:30-2:00 PM **LUNCH BREAK AND POSTER SESSION**

Lunch on your own at ICFSR23

A complete list of restaurants and take-out outlets is available in your attendee bag

Coffee will be available from 1:30 to 2:00 p.m to enjoy the poster presentations and exhibit hall

BALLROOM 1: Salle des colonnes

- 2:00-2:40 PM **SYMPOSIUM 5: Translational Geroscience in Sarcopenia and Frailty: Biology, Biomarkers and Big Data**
Moderator: John A. Batsis, School of Medicine (Geriatric Medicine) and Gillings School of Global Public Health (Nutrition) University of North Carolina at Chapel Hill, NC (USA)
• **How Geroscience can help us understand the muscle-bone-fat interaction**
Gustavo Duque, McGill University, Montreal (Canada)
• **Translational Geroscience in Frailty and Sarcopenia – the past, present, and future**
Jamie Justice, Wake Forest University School of Medicine (WFUSM), Winston Salem, NC, (USA)
• **The interplay between Precision Medicine and Geroscience in Aging Research**
John A. Batsis, Division of Geriatric Medicine and Dept of Nutrition, University of North Carolina at Chapel Hill, NC, (USA)
- 2:40-3:30 PM **ORAL COMMUNICATIONS**
Moderator: Peggy Cawthon, San Francisco, CA (USA), Yves Rolland, Gerontopole, Toulouse University Hospital (France)
- 2:40-2:50 PM **OC11 • Design, methods and preliminary findings for the EngAGE trial: An exercise and social engagement intervention for multimorbid, homebound African American older adult-care partner dyads delivered over voice-activated technology**
Megan Huisinigh-Scheetz, University of Chicago, Chicago, IL, (USA)
- 2:50-3:00 PM **OC12 • Effects of a 12-week Vivifrail Exercise Program on intrinsic capacity among frail cognitively impaired community-dwelling older adults: Secondary analysis of a multicenter randomized clinical trial**
Juan Luis Sánchez-Sánchez, Gerontopôle de Toulouse, MOVE-IT Research Group, Universidad Pública de Navarra (UPNA), Pamplona, (Spain)
- 3:00-3:10 PM **OC13 • Body fat mass mediates the effect of insulin resistance on functional decline but not on mortality in community-dwelling older adults: results from Toledo Study of Healthy Aging**
Mariam El Assar, Fundación de Investigación Biomédica, Hospital Universitario de Getafe, Getafe, Centro de Investigación Biomédica en Red sobre Fragilidad y Envejecimiento Saludable (CIBERFES), Instituto de Salud Carlos III, Madrid, (Spain)
- 3:10-3:20 PM **OC14 • Cognitive Status as a Predictor of Body Composition Profiles: A Latent Class Analysis**
John A. Batsis, Division of Geriatric Medicine and Center for Aging and Health, School of Medicine, Gillings School of Global Public Health, Carolina Population Center, University of North Carolina at Chapel Hill, Chapel Hill, NC, (USA)
- 3:20-3:30 PM **OC15 • CT-derived Body Composition is Associated with Grip Strength and Gait Speed in MrOS Study**
Peggy M. Cawthon, California Pacific Medical Center, Research Institute, San Francisco, CA (USA)
- 3:30-4:00 PM **COFFEE BREAK AND POSTER SESSION**
- 4:00-5:00 PM **ORAL COMMUNICATIONS**
Moderator: Charlotte Beaudart, University of Liège, (Belgium), Angelo Parini, INSERM, Toulouse (France)
- 4:00-4:10 PM **OC16 • Combined physical and cognitive stimulation in an innovative dual-task in mice and application in aging**
Elpidio Attoh-Mensah, Normandie University, UNICAEN, INSERM, COMETE, CYCERON, CHU de Caen, Caen (France)
- 4:10-4:20 PM **OC17 • Plasma inflammatory markers predict longitudinal trajectories of intrinsic capacity in older adults**
Wan-Hsuan Lu, Gerontopole of Toulouse, Inserm, University Paul Sabatier, Toulouse, (France)
- 4:20-4:30 PM **OC18 • The pathogenesis of sarcopenia is different in the group of male COPD and non-COPD subjects**
Chih-Ming Lin, Division of Internal Medicine, Taipei Chang Gung Memorial Hospital, Taipei (Taiwan)
- 4:30-4:40 PM **OC19 • Health-related quality of life in sarcopenia: a Systematic Review and Meta-Analysis**
Charlotte Beaudart, WHO Collaborating Center for Public Health aspects of musculo-skeletal health and ageing, Division of Public Health, Epidemiology and Health Economics, University of Liège, Liège (Belgium)
- 4:40-4:50 PM **OC20 • Research perspectives from the Sarcopenic Obesity Global Leadership Initiative(SOGLI)**
John A. Batsis, Division of Geriatric Medicine and Department of Nutrition, University of North Carolina at Chapel Hill, NC, (USA)
- 4:50-5:00 PM **OC21 • Fish intake and pre-frailty in Norwegian older adults. A prospective cohort study: the Tromsø Study 1994–2016**
Dina Moxness Konglevoll, MSc, Dpt. of Nutrition, Institute of Basic Medical Sciences, University of Oslo, Oslo (Norway)
- 5:00 PM **POSTER SESSION**

BALLROOM 2: salle de la chapelle

- 2:00-2:40 PM **ROUNDTABLE 1: Implementation of AVOID Frailty in Regional Centers for Healthy Aging**
Presentation: John Muscedere - Centres for Healthy Aging, Canadian Frailty Network and Queens University, Kingston, ON, (Canada)
Panel Discussion: Barriers and Facilitators in Implementing Frailty-Prevention Interventions in the Community
John Muscedere, Canadian Frailty Network and Queens University, Kingston, ON (Canada)
Jorge Ruiz, Bruce W. Carter Miami VAMC, University of Miami School of Medicine, Miami FL (USA)
Sandrine Sourdet, Toulouse Gérontopôle University Hospital, Toulouse (France)
- 2:40-3:30 PM **ORAL COMMUNICATIONS**
Moderator: Olof Dahlqvist, AMRA Medical, Linköping, (Sweden), Catherine Takeda, Gérontopôle, Toulouse, (France)
- 2:40-2:50 PM **OC23 • Descriptive study of the ICOPE pathway from STEP 1 to 3 in the INSPIRE-T cohort**
Catherine Takeda, Gérontopôle, Geriatric Department, CHU of Toulouse, Toulouse, (France)
- 2:50-3:00 PM **OC24 • Muscle composition changes in type 2 diabetes and coronary heart disease - Results from the longitudinal UK Biobank imaging study**
Olof Dahlqvist, AMRA Medical, Linköping, Dept of Health, Medicine and Caring Sciences, Linköping University (Sweden)
- 3:00-3:10 PM **OC25 • A new sex-specific Sarcopenic Obesity z-score for the appraisal of the risk of mortality: a population-based study**
Elisabeth Benz, Erasmus MC University and UCA, Clermont-Ferrand (France)
- 3:10-3:20 PM **OC26 • Frailty Index and its association with the onset of postoperative delirium in older adults undergoing elective surgery**
Dhayana Dallmeier, Agaplesion Bethesda Clinic, Geriatric Center Ulm/Alb-Donau, Ulm, (Germany)
- 3:20-3:30 PM **OC27 • Association of Healthy Lifestyle and Social Environment with Mortality among the Frail: Findings from the UK Biobank**
Chenkai Wu, Global Health Research Center, Duke Kunshan University, Kunshan, Jiangsu, (China)
- 3:30-4:00 PM **COFFEE BREAK AND POSTER SESSION**
- 4:00-5:00 PM **ORAL COMMUNICATIONS**
Moderator: Jerome Feige, Lausanne (Switzerland), Emmanuel Gonzalez Bautista, Toulouse (France)
- 4:00-4:10 PM **OC28 • Effect of a one-year personalized intensive dietary intervention on body composition in colorectal cancer patients: a randomized controlled trial**
Dena Helene Alavi, Registered Dietitian, Oslo (Norway)
- 4:10-4:20 PM **OC29• The Impact of Frailty on the Outcomes After Cardiac Surgery**
Jaewon Chang, St George Hospital, department of cardiothoracic surgery, Sydney, NSW (Australia)
- 4:20-4:30 PM **OC30 • Frailty Index and Mexican Americans Living on the US-Mexico Border**
Eron G Manusov, University of Texas Rio Grande Valley Rio Grande City, Brownsville TX (USA)
- 4:30-4:40 PM **OC31 • Mitochondrial calcium import declines during sarcopenia and is stimulated by the polyphenol Oleuropein to boost energy metabolism and skeletal muscle performance**
Jerome N. Feige, Nestlé Institute of Health Sciences, Lausanne (Switzerland)
- 4:40-4:50 PM **OC32 • Dynapenia, muscle quality and hepatic steatosis in patients with obesity and sarcopenic obesity**
Eleonora Poggiogalle, Sapienza University, Rome, Italy
- 4:50-5:00 PM **OC33 • Intrinsic capacity trajectories in the INSPIRE ICOPE Care cohort**
Emmanuel Gonzalez-Bautista, Insitute of Aging. Gerontopole. Toulouse University Hospital, Toulouse (France)
- 5:00 PM **POSTER SESSION**

Friday • March 24, 2023

All sessions in Ballroom 1 (Salle des Colonnes)

8:00-9:00 AM POSTER SESSION

9:00-9:30 AM ORAL COMMUNICATIONS

Moderator: Roger Fielding, Bonston (USA), Maria Soto, Gerontopole, Toulouse (France)

9:00-9:10 AM OC35 • Association of circulating miRNAs with sarcopenia: the SarcoPhAge study

Jean-Charles Rousseau, INSERM 1033, PMO, Lyon, (France)

9:10-9:20 AM OC36 • Frailty in the chronic respiratory patient: association with mortality and clinical features in obstructive, restrictive and mixed spirometric patterns

Simone Scarlata, Unit of Internal Medicine and Geriatrics; Fondazione Policlinico Campus Bio-Medico University Hospital, Rome (Italy)

9:20-9:30 AM OC37 • Association between Intrinsic Capacity and Frailty in the Elderly Primary Care Population with Multimorbidity

Sz Sim, National Healthcare Group Polyclinics, Singapore (Singapore)

9:30-9:50 AM KEYNOTE 5: WHAT DID WE LEARN FROM SPRINTT?

Introduction: Roger Fielding, Tufts University, Boston, MA (USA)

Emanuele Marzetti, Catholic University of the Sacred Heart School of Medicine, Rome (Italy)

9:50-10:30 AM SYMPOSIUM 6: Innovative frailty and sarcopenia research update from Asia

Moderator: Hidenori Arai, National Center for Geriatrics and Gerontology, Tokyo (Japan)

• Muscle-Brain Crosstalk in Healthy Aging

Liang-Kung Chen, Center for Healthy Longevity and Aging Sciences, National Yang Ming Chiao Tung University, Hsin-Chu, (Taiwan)

• Innovative approaches for sarcopenic dysphagia: Japan's experiences

Keisuke Maeda, National Center for Geriatrics and Gerontology, Tokyo (Japan)

• Renovation of DXA, BIA for diagnosis of sarcopenia

Chang Won Won, Dept of Family Medicine College of Medicine, Kyung Hee University, Seoul, (South Korea)

10:30-11:00 AM COFFEE BREAK AND POSTER SESSION

11:00-11:50 AM ORAL COMMUNICATIONS

Moderator: Chan Mi Park, Harvard Medical School, Boston, MA (USA), Richard D. Semba, Johns Hopkins Baltimore, MD (USA)

11:00-11:10 AM OC38 • Circulating rejuvenating factors and decline of grip strength in older adults: the Baltimore Longitudinal Study of Aging

Richard D. Semba, Wilmer Eye Institute, Johns Hopkins University School of Medicine, Baltimore, MD (USA)

11:10-11:20 AM OC39 • Preoperative Frailty and Mortality in Medicare Beneficiaries Undergoing Major and Minor Surgical Procedures

Chan Mi Park, Marcus Institute for Aging Research, Harvard Medical School, Boston, MA (USA)

11:20-11:30 AM OC40 • Associations Between Circulating Micronutrients, Clinical Biomarkers and Skeletal Muscle Mass: Preliminary Results from a Cross-Sectional Analysis of Data from the Baltimore Longitudinal Study of Aging

Jamie Scott, Norwich Medical School, University of East Anglia, Norwich, (UK)

11:30-11:40 PM OC41 • Online remote physical activity intervention to prevent physical performances in community-dwelling older adults during isolation periods: only one recipe?

Mylène Aubertin-Leheudre, UQAM, Faculté des sciences, Dept des sciences de l'exercice, GRAPA, Centre de recherche de l'institut Universitaire de Gériatrie de Montréal, QC (Canada)

11:30-11:40 PM OC42 • Effect of SIRT6 and physical exercise on physiological and metabolic processes in skeletal muscle in aging

Almog Katz, Bar Ilan university, Tel Aviv (Israel)

11:50-12:30 PM SYMPOSIUM 7: ICOPE monitor implementation in clinical practice and research

Moderators: Bruno Vellas, Gérontopole, Toulouse (France), John Beard, Columbia university NY, (USA) Luigi Ferrucci, NIA, Bethesda, MD(USA), Hidenori Arai, National Center for Geriatrics and Gerontology Tokyo(Japan)

• Rational of the Icope program: John Beard, Columbia university New York, NY, (USA)

• Implementation of icope monitor in 27,000 older persons in France

Bruno Vellas, Gérontopôle Toulouse (France)

• Use of ICOPE monitor to assess and follow loss of appetite, weight loss and mobility in older adults

Philippe Barreto, Gérontopôle Toulouse (France)

• Use of ICOPE monitor to assess and follow memory complaint in an integrative approach

Maria Soto, Gérontopôle Toulouse (France)

Friday • March 24, 2023

All sessions in Ballroom 1 (Salle des Colonnes)

- 12:30-2:00 PM LUNCH BREAK AND POSTER SESSION**
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Coffee will be available from 1:30 to 2:00 p.m to enjoy the poster presentations and exhibit hall
- 2:00-2:40 PM SYMPOSIUM 8: Conceptualization, Ascertainment and Implications of Prefrailty as a Public Health Priority**
Moderator: Karen Bandeen-Roche, Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, (USA)
• **Pre-Frailty as an Important Public Health Condition**
Roñań O’Caoimh, University College Cork and Mercy University Hospital, Cork, (Ireland)
• **Next-generation Prefrailty Assessment in the Physical Frailty Phenotype**
Karen Bandeen-Roche, Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, (USA)
• **Effects of Pre-frailty in Working Middle-aged and Older Adults in Europe**
Duygu Sezgin, University of Galway, Galway, (Ireland)
- 2:40-3:20 PM SYMPOSIUM 9: The Inspire Research initiative: a program for Geroscience and healthy aging research going from animal models to humans**
Moderators : Sophie Guyonnet (CHU Toulouse, France), Yves Rolland (CHU Toulouse, France), Luigi Ferruci (NIA, Baltimore, USA)
• **The Inspire-T longitudinal human cohort: description of the baseline data and biospecimens available to the geroscience community**
Sophie Guyonnet, CHU Toulouse, (France)
• **The African Turquoise Killifish: New model organism to study vertebrate aging**
Jean Philippe Pradère, Cédric Dray, Restore Lab, Toulouse (France)
• **Decrypting biological aging: insights from the INSPIRE mouse cohort**
Angelo Parini, I2MC Lab, Toulouse France)
- 3:20-4:00 PM ORAL COMMUNICATIONS**
Moderator: Roger Fielding, Tufts University, Boston, MA (USA), Mylène Aubertin-Leheudre, Montréal, Québec (Canada)
- 3:20-3:30 PM OC43 • Radiomic Features of Skeletal Muscle Derived from CT Scans Are Associated with Physical Function in the MrOS Study**
Leon Lenchik, Wake Forest University, Winston-Salem, NC (USA)
- 3:30-3:40 PM OC44 • Circulating Senescent and Angiogenic T Lymphocytes in Ageing and Frailty**
Michael Harrison, Pharmaceutical, Molecular and Biotechnology Research Centre and Dept of Sport and Exercise Science, south East Technological University, Waterford, (Ireland)
- 3:40-3:50 PM OC45 • Singapore Clinical Practice Guidelines For Sarcopenia: Process, Results and Lessons Learnt**
Wee Shiong Lim, Institute of Geriatrics and Active Ageing, Tan Tock Seng Hospital - Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore (Singapore)
- 3:50-4:00 PM OC46 • Knee osteoarthritis and muscle adiposity independently predict an accelerated accumulation of frailty deficits differentially mediated by physical function: the 6-year longitudinal AMBERS cohort study**
Andy Kin On Wong, Joint Department of Medical Imaging; Schroeder’s Arthritis Institute, University Health Network Dalla Lana School of Public Health, University of Toronto (Canada)



"AVAILABLE ONLY IN THE VIRTUAL POSTER HALL"

1 • FRAILITY IN CLINICAL PRACTICE AND PUBLIC HEALTH

P1/1 • CHINESE TRANSLATION, CROSS-CULTURAL ADAPTATION AND VALIDATION OF THE PRISMA-7 QUESTIONNAIRE

Meredith Yeung, Singapore Institute of Technology (Singapore)

P1/2 • SARCOPENIA AND FALLS IN AN ASIAN COHORT OF PATIENTS WITH PARKINSON'S DISEASE

Justina Angel Tan, Alexandra Hospital, National University Health System (Singapore)



P1/4 • MEASURING THE PREVALENCE OF FRAILTY AMONGST OLDER HOSPITALISED ADULTS IN NORTHERN TANZANIA: A MULTICENTRE CROSS-SECTIONAL STUDY

Sean L Davidson, Newcastle University, UK - Northumbria Healthcare NHS Foundation Trust, (UK)

P1/5 • THE FRIED FRAILTY PHENOTYPE IN PATIENTS UNDERGOING CARDIAC SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS

Jaewon Chang, The Royal Melbourne Hospital, Parkville, Melbourne, VIC, (Australia)

P1/6 • SARCOPENIA IS ASSOCIATED WITH POORER OUTCOMES IN PATIENTS UNDERGOING CARDIAC PROCEDURES

Jaewon Chang, The Royal Melbourne Hospital, Parkville, Melbourne, VIC, (Australia)

P1/7 • PREOPERATIVE FRAILTY AND POSTOPERATIVE INFECTIOUS COMPLICATIONS IN DIGESTIVE SURGERY PATIENTS

Yuichi Kitagawa, Department of Digestive Surgery, National Center for Geriatrics and Gerontology, Obu Aichi (Japan)

P1/8 • TRAJECTORIES AND TRANSITIONS OF PHYSICAL FRAILTY IN CHRONIC NEPHROPATHY: A SCOPING REVIEW

Angela Benjumea, Gerontology and Geriatrics Research Group, Universidad de Caldas, Manizales, (Colombia)

P1/9 • SARCOPENIA- PREVENTION AND MANAGEMENT BEFORE IT HAPPENS. CREATING A SYSTEMATIC PATHWAY TO INTEGRATE PRIMARY AND SECONDARY CARE IN AVOIDING SARCOPENIA FOR AT-RISK PATIENTS

Taik Pin Chuah, Woodland Health, Yishun Community Hospital (Singapore)

P1/10 • ADINBERA: STUDY OF VULNERABILITY IN OLDER PEOPLE

Miriam Hernandez-Gonzalez, Grupo de Investigación en Atención Primaria y OSIs, Osakidetza-IIS Biodonostia (Gipuzkoa), (Espana)



P1/11 • ASSOCIATION OF FRAILTY WITH THE PROGRESSION OF CARDIOMETABOLIC MULTIMORBIDITY: RESULTS FROM A CHINESE LONGITUDINAL COHORT

Yang Li, Dept of Geriatrics, Shanghai East Hospital, Tongji University School of Medicine, Shanghai (China)

P1/12 • TACKLING FRAILTY AT PRIMARY CARE: EVALUATION OF THE EFFECTIVENESS OF A MULTIFACTORIAL INTERVENTION THROUGH A RANDOMIZED CONTROL TRIAL

Uxue Lazcano, Grupo de Investigación en Atención Primaria y OSIs, Osakidetza-IIS Biodonostia, Gipuzkoa (Spain)



P1/14 • ADVERSE OUTCOMES AND HEALTH-ECOLOGICAL INFLUENCING FACTORS OF PREOPERATIVE FRAILTY AMONG ELDERLY PATIENTS WITH GASTRIC CANCER

Lingyu Ding, Department of Colorectal Surgery, the First Affiliated Hospital of Nanjing Medical University, Nanjing (China)



P1/15 • PERCEIVED INFLUENCING FACTORS OF PREOPERATIVE FRAILTY AMONG ELDERLY PATIENTS WITH GASTRIC CANCER FROM THE PERSPECTIVE OF HEALTH ECOLOGY: A QUALITATIVE STUDY

Lingyu Ding, Department of Colorectal Surgery, the First Affiliated Hospital of Nanjing Medical University, Nanjing (China)

P1/16 • AORTIC PULSE PRESSURE WAS ASSOCIATED WITH PRE-FRAILTY IN OLDER PATIENTS WITH TYPE 2 DIABETES MELLITUS

Kiat Sern Goh, Changi General Hospital, (Singapore)

P1/17 • VISIT-TO-VISIT BLOOD PRESSURE VARIABILITY AND INTRINSIC CAPACITY IN OLDER ADULTS

Leonardo Bencivenga, Gérontopôle de Toulouse, Institut du Vieillissement, CHU de Toulouse, France - Department of Translational Medical Sciences, University of Naples "Federico II", (Italy)



P1/18 • RELATIONSHIP BETWEEN ORAL HEALTH AND FRAILTY IN A RURAL POPULATION, AUSTRALIA

Claudia Atala, University of Melbourne (Australia)

P1/19 • CO-OCCURRENCE OF FRAILTY AND SARCOPENIA IN ACUTELY ADMITTED OLDER MEDICAL PATIENTS: RESULTS FROM THE COPENHAGEN PROTECT STUDY

Hanne Nygaard, Dept of Emergency Medicine, Copenhagen University Hospital, Dept of Geriatric & Palliative Medicine, Copenhagen University Hospital, Bispebjerg and Frederiksberg, Copenhagen, (Denmark)

P1/20 • CULTURAL ADAPTATION AND VALIDATION OF SINHALA VERSION OF FRAIL NON-DISABLED TOOL (FIND)

Shehan Silva, Department of Medicine, Faculty of Medical Sciences, University of Sri Jayewardenepura, Nugegoda, (Sri Lanka)

P1/21 • PSOAS MUSCLE AREA AS A MEASURE FOR SARCOPENIA AND A PREDICTOR OF HEALTH OUTCOMES IN CHRONIC KIDNEY DISEASE

Song-ah Chai, McGill University, Montreal Quebec (Canada)

P1/23 • CHRONOLOGY OF ORAL AGING

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P1/24 • LIGHT-TOUCH FRAILTY PHENOTYPE

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P1/25 • EPIDEMIOLOGY OF FRAILTY IN A RURAL LOW SOCIOECONOMIC AREA IN DENMARK

Mathilde Glud Christensen, Medical Department, Køge Hospital, Research center Copenage, Copenhagen University (Denmark)

P1/26 • IDENTIFYING OLDER PATIENTS UNDERGOING AORTIC ANEURYSM REPAIR AT RISK FOR POSTOPERATIVE COMPLICATIONS USING PREOPERATIVE HANDGRIP STRENGTH

L Banning, University Medical Center Groningen (The Netherlands)



P1/27 • LONELINESS AS AN INDEPENDENT PREDICTIVE FACTOR FOR FRAILTY

Nuria Parra-Macias, Health Promotion Unit, University Hospital Sagrat Cor, Barcelona, (Spain)

P1/28 • IDENTIFICATION OF THE PREDICTORS OF ADVERSE HEALTH OUTCOMES ACROSS A GERIATRIC REHABILITATION PROGRAM IN PATIENTS ADMITTED FOR TRAUMATOLOGICAL PROCESSES

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