LATE CALL FOR ABSTRACTS
January 9–18, 2024

Meeting Place
Hotel Albuquerque at Old Town

HYBRID CONFERENCE
IN-PERSON REMOTE ATTENDANCE

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

www.icfsr.com
2:00-3:00 PM  POSTER SESSION

2:30-3:00 PM  WORKSHOP 1
FUNCTIONAL RESISTANCE TRAINING STRATEGIES TO OPTIMIZE HEALTH AND PERFORMANCE
Jessica Smith, University of New Mexico, Albuquerque (USA)

3:00-3:20 PM  OPENING AND WELCOME
Debra Waters, Albuquerque (USA), Roger Fielding, Boston (USA), Bruno Vellas, Toulouse (France)
PRESENTATION OF THE ICFSR LIFETIME ACHIEVEMENT AWARD
Anne Newman, University of Pittsburgh, PA, USA

3:20-3:40 PM  KEYNOTE 1
Health ABC to SOMMA: Leaning into aging biology to understand frailty and sarcopenia
Introduction: Roger Fielding, Boston (USA)
Anne Newman, University of Pittsburgh, PA, USA

3:40-4:20 PM  SYMPOSIUM 1
SARCOPENIA: NO CONSENSUS, NO DIAGNOSTIC CRITERIA, AND NO APPROVED INDICATION HOW DID WE GET HERE?
Moderator: Bruno Vellas, IHU HealthAge, Toulouse (France) & UNM, Albuquerque, (USA)
• Muscle mass not lean mass is associated with health-related outcomes: implications for defining sarcopenia
Peggy Cawthon, California Pacific Medical Center, San Francisco (USA)
• Geroscience of skeletal muscle and sarcopenia
Luigi Ferrucci, National Institute on Aging, Baltimore (USA)
• Sarcopenia: How we got here and the path toward a unified definition
William Evans, University of California, Berkeley (USA)

4:20-4:40 PM  KEYNOTE 2
Translational Research on Mitochondria and Aging Frailty & Sarcopenia
Introduction: Bruno Vellas, IHU HealthAge, Toulouse (France) & UNM, Albuquerque, (USA)
Luigi Ferrucci, National Institute on Aging/NIH, Baltimore, Maryland (USA)

4:40-5:00 PM  ORAL COMMUNICATIONS

4:40-4:50 PM  ORAL COMMUNICATION 1
EFFECT OF ANAMORELIN, A GHRELIN RECEPTOR AGONIST, ON MUSCLE AND BONE IN ADULTS WITH OSTEOSARCOPENIA
Bess Dawson-Hughes, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University, Boston, MA (USA)

4:50-5:00 PM  ORAL COMMUNICATION 2
LONG-TERM EFFECTS OF RANDOMIZATION TO CALORIC RESTRICTION ON BODY COMPOSITION AND PHYSICAL PERFORMANCE IN OLDER ADULTS
Denise K Houston, Wake Forest University School of Medicine, Winston Salem, NC, (USA)

5:00-5:10 PM  ORAL COMMUNICATION 3
THE IMPACT OF ORAL INGESTION OF THE LEUCINE METABOLITE, BETA-HYDROXY-BETA-METHYLBUTYRATE (HMB), UPON THE TRANSCRIPTOME OF HUMAN SKELETAL MUSCLE
Daniel Wilkinson, University of Nottingham, Derby (UK)

5:10-5:20 PM  ORAL COMMUNICATION 4
MAPPING FRAILTY: UNDERLYING CLINICAL AND PHYSIOLOGICAL DOMAINS IN OLDER ACUTELY ADMITTED PATIENTS
Hanne Nygaard, Bispebjerg and Frederiksberg Hospital - Department of Emerge, Copenhagen (Denmark)

5:20-5:30 PM  ORAL COMMUNICATION 5
COMPARISON OF PROTEIN INTAKE ASSESSED FROM WEIGHTED PROTEIN POWDERS, FOOD DIARIES AND 24-OUR URINE SAMPLES IN COMMUNITY-DWELLING ADULTS WITH SARCOPENIA: RESULTS FROM THE ENHANCE STUDY
Nadjia Amini, Department of Public Health and Primary Care, Leuven (Belgium)

5:30-5:40 PM  ORAL COMMUNICATION 6
DEGREE OF FRAILTY IMPACTS TREATMENT AND OUTCOMES OF BREAST CANCER
Olivia Turner, University of Sheffield, Healthy Lifespan Institute, Sheffield (UK)

5:40-6:00 PM  LATE BREAKING COMMUNICATIONS

5:20-6:00 PM  POSTER SESSION
7:30-8:30 AM
POSTER SESSION

8:00-8:30 AM
WORKSHOP 2
SCIENCE, SUPPLEMENTS AND SNACKS: DIET QUALITY AND NUTRIENT RECOMMENDATIONS FOR PRACTITIONERS AND CAREGIVERS OF SARCOPENIA-POSITIVE CLIENTS
Debbie Luffey, University of New Mexico, Albuquerque (USA)

8:30-9:30 AM
ORAL COMMUNICATIONS

8:30-8:40 AM
ORAL COMMUNICATION 7
CHAIR STAND OR SPPB: WHICH ONE IS BETTER FOR PREDICTING DISABILITY?
Alexandre Tiago da Silva, Federal University of Sao Carlos, Sao Carlos Sao Paulo (Brazil)

8:40-8:50 AM
ORAL COMMUNICATION 8
HORMONE REPLACEMENT THERAPY AND MUSCLE LOSS IN POST-MENOPAUSAL WOMEN: ANALYSIS FROM THE BALTIMORE LONGITUDINAL STUDY OF AGING USING REPEATED DUAL-ENERGY X-RAY ABSORPTIOMETRY
Elena Ghotbi, The Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore, MD (USA)

8:50-9:00 AM
ORAL COMMUNICATION 9
EXERCISE PROGRAMS TO PREVENT FUNCTION AND MOBILITY LOSS IN OLDER ADULTS DISCHARGED FROM EMERGENCY DEPARTMENTS WITH MINOR INJURIES: THE CEDECOMS CLINICAL TRIAL
Marie-Josée Sirois, Centre d’Excellence sur le Vieillissement de Québec (Canada)

9:00-9:10 AM
ORAL COMMUNICATION 10
SALBUTAMOL, BUT NOT GRELIN, CAN AMELIORATE CALORIC RESTRICTION INDUCED MUSCLE-ATROPHY
Jelle CBC de Jong, Department of Metabolic Health Research, The Netherlands Organization for Applied Scientific Research (TNO), Leiden, (The Netherlands)

9:10-9:20 AM
ORAL COMMUNICATION 11
INNOVATING LARGE ANIMAL MODELS OF FRAILTY AND EXPOSURE MEMORY: EVIDENCE THAT EARLY LIFE EVENTS CAN BUFFER THE ADVERSE IMPACT OF FRAILTY ON MORTALITY IN PET DOGS WITH EXCEPTIONAL LONGEVITY
David J. Waters, Purdue University, Center for Exceptional Longevity Studies, Murphy Foundation, West Lafayette, IN, (USA)

9:20-9:30 AM
ORAL COMMUNICATION 12
HIGHER THYROID HORMONE LEVELS ARE ASSOCIATED WITH LOWER MUSCLE QUALITY: RESULTS FROM MROS
Jennifer S Mammen, Johns Hopkins University School of Medicine, Baltimore MD (USA)

9:30-10:10 AM
SYMPOSIUM 2
GENE EXPRESSION PROFILING IN MUSCLE IDENTIFIES PATHWAY ASSOCIATIONS WITH MITOCHONDRIAL RESPIRATION, PHYSICAL PERFORMANCE, AND MUSCLE MASS IN OLDER INDIVIDUALS FROM THE STUDY OF MUSCLE, MOBILITY AND AGING (SOMMA)
Moderator: Steven R. Cummings, San Francisco Coordinating Center, California Pacific Medical Center Research Institute, San Francisco, California. Department of Epidemiology and Biostatistics, University of California, San Francisco, California. (USA)
• Expression of mitochondrial oxidative stress response genes in muscle is associated with mitochondrial respiration, physical performance, and muscle mass in older individuals
  Gregory J Tranah, San Francisco Coordinating Center, California Pacific Medical Center Research Institute, Department of Epidemiology and Biostatistics, University of California, San Francisco, California. (USA)
• Expression of Neuromuscular Junction pathway genes predict muscle mass and performance traits in the Study of Muscle, Mobility and Aging (SOMMA)
  Russell T Hepple, Department of Physical Therapy, University of Florida, Gainesville, Florida. (USA)
• Expression of autophagy genes in muscle is associated with physical performance, muscle mass and mitochondrial function in older individuals
  Paul M. Coen, Translational Research Institute, AdventHealth, Orlando, Florida. (USA)

10:10-10:30 AM
KEYNOTE 3
Current and investigational medications for the treatment of sarcopenia
Introduction: Debra Waters, Albuquerque, NM, (USA)
Yves Rolland, University Toulouse Paul Sabatier, Toulouse (France)

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

11:00-11:20 AM
KEYNOTE 4
Osteosarcopenia and the crossroad between muscle, bone and fat
Introduction: Roger Fielding, Boston (USA)
Gustavo Duque, McGill University Health Centre, Montréal, Québec (Canada)
11:20-12:00 PM

**SYMPOSIUM 3**
RESISTANCE EXERCISE AND NUTRACEUTICAL STRATEGIES IN SARCOPENIA: THE “GOLD” STANDARD?
Moderator: Stuart Phillips, McMaster University, Philip Atherton, Professor, University of Nottingham (Canada)

- Disuse as a common component of the catabolic crisis: a watershed moment in aging
  James McKendry, McMaster University, Hamilton, Ontario, (Canada)
- What can’t resistance training do for older person’s health?
  Stuart Phillips, McMaster University, Hamilton, Ontario, (Canada)
- Therapies to mitigate disuse and counteract the negative effects
  Beth Phillips, University of Nottingham (UK)

12:00-12:20 PM

**KEYNOTE 5**
Study of Longitudinal Aging in Mice (SLAM)
Introduction: Debra Water, Albuquerque (USA)
Rafael de Cabo, National Institute on Aging, Baltimore (USA)

12:20-1:20 PM

**LUNCH BREAK AND POSTER SESSION**

1:20-2:00 PM

**SYMPOSIUM 4**
IMPACT OF AGING AND PHYSICAL ACTIVITY ON HUMAN NEUROMUSCULAR & MUSCLE FUNCTION: NEW INSIGHTS FROM THE MONTREAL NEUROMUSCULAR STUDY (MNMS)
Moderator: Mylène Aubertin-Leheudre, Département des sciences de l’activité physique, UQAM, Centre de Recherche de l’Institut Universitaire de Gériatrie de Montréal (Canada)

- Skin advanced glycation end products (S-AGEs): A non-invasive biomarker to assess muscle function in older adults?
  Mylène Aubertin-Leheudre, Département des sciences de l’activité physique, UQAM, Canada; Centre de Recherche de l’Institut Universitaire de Gériatrie de Montréal, Montréal (Canada)
- Neuromuscular and neurophysiological changes with age and activity levels in men: New insights from the Montreal NeuroMuscular Study (MNMS)
  Marc Bélanger, Département des sciences de l’activité physique, UQAM, Montréal (Canada)
- The involvement of mitochondrial dysfunction in human skeletal muscle aging: New insights from the Montreal NeuroMuscular Study (MNMS)
  Gilles Gouspillou, Département des sciences de l’activité physique, UQAM, Montréal (Canada)

2:00-2:20 PM

**KEYNOTE 6**
The New Challenges of Healthy Longevity: From the Sprint-t Study to the Longevity Run Project
Francesco Landi, Catholic University of Rome (Italy)

2:20-2:50 PM

**ROUNDTABLE 1**
CULTURALLY CONGRUENT FRAILTY CARE WITH DIVERSE COMMUNITIES
Nitin Budwar, Alex DeRadke, Raj Shah, Debra Waters, University of New Mexico, Albuquerque (USA)

2:50-3:20 PM

**ORAL COMMUNICATIONS**

2:50-3:00 PM

**ORAL COMMUNICATION 13**
DEVELOPMENT OF THE ASIAN CONSENSUS ON CACHEXIA AND ITS CLINICAL IMPLICATIONS
Hidenori Arai, National Center for Geriatrics and Gerontology, Obu Aichi (Japan)

3:00-3:10 PM

**ORAL COMMUNICATION 14**
PATIENT-REPORTED OUTCOMES
Charlotte Beaudart, Research Institute for Life Sciences (NARILIS), Department of Biomedical Sciences, Faculty of Medicine, University of Namur, Namur, (Belgium)

3:10-3:20 PM

**ORAL COMMUNICATION 15**
COMMON DATA ELEMENTS AND STANDARDIZED OUTCOMES IN GEROSCIENCE RESEARCH
John Muscedere, Canadian Frailty Network, Kingston ON (Canada)

3:20-3:50 PM

**COFFEE BREAK AND POSTER SESSION**
**SYMPOSIUM 5**

**THE SURGICAL PAUSE: ORIGIN, EVIDENCE AND IMPLEMENTATION**
Moderator: Jason Johanning, University of Nebraska Medical Center, Nebraska Western Iowa VA Healthcare System (USA)
- **The Surgical Pause: Origin and Dissemination**
  Daniel E Hall, University of Pittsburgh, VA Pittsburgh Healthcare System, Pittsburgh (USA)
- **The Surgical Pause: Update and Lessons Learned from a Randomized Trial**
  Shipra Arya, Stanford University, VA Palo Alto Healthcare System, Stanford, CA (USA)
- **The Surgical Pause: How We Do It across 7 Florida VA Medical Centers**
  Bradley Schmit, University of Florida, VA Gainesville, FL (USA)

**ORAL COMMUNICATIONS**

**ORAL COMMUNICATION 16**
Results of a Safety and Tolerance Pilot Study of a Randomized, Parallel Group, Double-Blind, Placebo-Controlled Trial of a Novel Ketone Ester Targeting Frailty via Immunometabolic Geroscience Mechanisms
Brianna J. Stubbs, Buck Institute for Research on Aging, Novato (USA)

**ORAL COMMUNICATION 17**
Association of Healthy Lifestyle and Social Environment with Mortality Among Adults with Frailty: Findings from the UK Biobank
Chenkai Wu, Duke Kunshan University, Kunshan Jiangsu (China)

**ORAL COMMUNICATION 18**
Using Deep Learning to Predict Physical Function from Anatomical MRI Scans - Results from the SOMMA and OAI Datasets
Bragi Sveinsson, Athinoula A. Martinos Center for Biomedical Imaging, Radiology, Massachusetts General Hospital, Boston, MA (USA)

**LATE BREAKING ORAL COMMUNICATIONS**

**POSTER SESSION**
7:30-8:30 AM  POSTER SESSION

8:00-8:30 AM  WORKSHOP 3
EMPOWERING CARE FOR SARCOPENIC LOVED ONES: A PRACTICAL WORKSHOP
Anna Welch, University of New Mexico, Albuquerque (USA)

8:30-9:30 AM  ORAL COMMUNICATIONS

8:30-8:40 AM  ORAL COMMUNICATION 19
LONGITUDINAL ASSOCIATIONS BETWEEN FRAILTY AND EPIGENETIC AGE ACCELERATION
Benjamin Seligman, University of California, Los Angeles & VA Greater Los Angeles Healthcare System (USA)

8:40-8:50 AM  ORAL COMMUNICATION 20
MALNUTRITION IN COVID-19 SURVIVORS: PREVALENCE AND RISK FACTORS
Matteo Tosato, Fondazione Policlinico Universitario Agostino Gemelli, Rome, (Italy)

8:50-9:00 AM  ORAL COMMUNICATION 21
LOW ADHERENCE TO PHYSICAL ACTIVITY IS ASSOCIATED WITH INCIDENT MOBILITY IN OLDER ADULTS WITH PHYSICAL FRAILITY AND SARCOPENIA: RESULTS FROM THE SPRINT RANDOMIZED CLINICAL TRIAL
A Álvarez Bustos, Biomedical Research Center Network for Frailty and Healthy Ageing (CIBERFES), Getafe Madrid (Spain)

9:00-9:10 AM  ORAL COMMUNICATION 22
FRAILTY AND THE RISK, CLINICAL EXPRESSION, AND OUTCOMES OF NEUROLOGICAL DISORDERS
Marco Canevelli, Department of Human Neuroscience, Sapienza University of Rome (Italy), National Center for Disease Prevention and Health Promotion, National Institute of Health (ISS), Roma, Italy, Aging Research Center, Department of Neurobiology, Care Sciences and Society, Karolinska Institutet and Stockholm University, Stockholm, Sweden

9:10-9:20 AM  ORAL COMMUNICATION 23
THE UTILIZATION OF CONTINUOUS GLUCOSE MONITORING IN GUIDING INSULIN THERAPY IN OLDER ADULTS RESIDING IN LONG-TERM CARE FACILITIES: A RANDOMIZED CLINICAL TRIAL
Thaer Idrees, Emory University, Division of Endocrinology, Atlanta, GA, (USA)

9:20-9:30 AM  ORAL COMMUNICATION 24
DECIPHERING THE MULTIFACETED AGING CODE IN OUTBRED MICE: GENDER-BASED INSIGHTS FROM NATURAL AND ACCELERATED AGING
Angelo Parini, Institute of Metabolic and Cardiovascular Diseases, Toulouse, (France)

10:10-10:30 AM  KEYNOTE 7
Patient-reported and performance outcomes relevant to sarcopenia
David Cella, Northwestern University, Evanston, IL, USA

11:00-11:30 AM  ROUNDTABLE 2
IMPLEMENTING ICOPE IN CLINICAL PRACTICE
Moderators: Rosaly Correa-de-Araujo, Division of Geriatrics and Clinical Gerontology, National Institute on Aging (NIA), National Institutes of Health (NIH), Bethesda, MD (USA)
Luis Miguel Gutierrez Robledo, Instituto Nacional De Geriatría, (Mexico)
Bruno Vellas, IHU, Toulouse University Hospital, Toulouse (France)
David Scrase, University of New Mexico, Albuquerque, NM (United States), Ruitai Shao, Chinese Academy of Medicine Science/Peking Union Medical College, Beijing (China)
11:30-12:10 PM  SYMPOSIUM 7
RECENT ADVANCES IN AGING FROM SIMPLE MODEL ORGANISMS
Moderator: Mark A. McCormick, University of New Mexico Health Sciences Center (USA)
• Epigenetic Gambling and Aging
Alexander Mendenhal, University of Washington (USA)
• Longevity and health benefits of the tryptophan metabolite 3-hydroxyanthranilic acid
George Sutphin, University Arizona (USA)
• Greatly Increased Lifespan by tRNA Synthetase Inhibitors is Linked to Enhanced Protein Turnover
Mark A. McCormick, University of New Mexico Health Sciences Center (USA)

12:10-1:10 PM  LUNCH BREAK AND POSTER SESSION

1:10-1:50 PM  SYMPOSIUM 8
EXERCISE AND NUTRITIONAL INTERVENTIONS FOR OSTEOSARCOPENIA
Moderator: Darren Candow, CSEP-CEP, University of Regina, SK (Canada)
• Emergence of creatine supplementation as a potential treatment for osteosarcopenia
Darren Candow, Professor and Director-Aging Muscle and Bone Health Laboratory Faculty of Kinesiology & Health Studies University of Regina Regina, SK (Canada)
• Resistance training to prevent and treat osteosarcopenia
Debra Water, Director of Gerontology Research, University of Otago, New Zealand
• Sedentarism and malnutrition: the perfect storm in osteosarcopenia
Gustavo Duque, Faculty of Medicine Dr. Joseph Kaufmann Chair in Geriatric Medicine, McGill University, Canada

1:50-3:20 PM  ORAL COMMUNICATIONS

1:50-2:00 PM  ORAL COMMUNICATION 25
MULTI-Trait GENOME-WIDE ASSOCIATION STUDY OF MUSCLE MASS AND STRENGTH IN THE UK BIOBANK
Zijie Zhao, University of Wisconsin-Madison, Madison WI, USA

2:00-2:10 PM  ORAL COMMUNICATION 26
DISTURBANCES IN BRAIN HEALTH AND RELATED AMINO ACID KINETICS IN OLDER ADULTS AT RISK OF FRAILTY, AND THE ROLE OF CHRONIC MORBIDITIES
Minchae C Kang, Center for Translational Research in Aging & Longevity, Texas A&M University College Station, TX, USA

2:10-2:20 PM  ORAL COMMUNICATION 27
SKELETAL MUSCLE AND CIRCULATING MICRO-RNAS ADAPTATION FOLLOWING HIGH-INTENSITY INTERVAL TRAINING WITH OR WITHOUT L-CITRULLINE IN OBESO OLDER ADULTS.
Philippe Noirez, Université de Reims Champagne-Ardenne, Reims, France

2:20-2:30 PM  ORAL COMMUNICATION 28
OSTEOSARCOPENIC OBESITY AND OVERLAP SYNDROMES: COMPARISON OF BODY COMPOSITION, BLOOD BIOMARKERS AND 2-YEAR OUTCOMES IN HEALTHY OLDER ADULTS
Wee Shiong Lim, Institute of Geriatrics and Active Aging, Tan Tock Seng Hospital, Singapore

2:30-2:40 PM  ORAL COMMUNICATION 29
THE PREVALENCE AND ASSOCIATED FACTORS OF INTRINSIC CAPACITY DECLINE AMONG COMMUNITY-DWELLING OLDER ADULTS IN CHINA: A CROSS-SECTIONAL STUDY
Fangqin Tan, School of Population Medicine and Public Health, Chinese Academy of Medical Sciences, Beijing, China

2:40-2:50 PM  ORAL COMMUNICATION 30
ASSESSING HAND GRIP STRENGTH VIA A NOVEL BLUETOOTH CONNECTED DEVICE AND APP AMONG OUTPATIENTS ASSISTS HEALTHCARE PROVIDERS IN IMPROVING NUTRITION CARE
AMY Sharn, Abbott Nutrition, Columbus OH, USA

2:50-3:00 PM  ORAL COMMUNICATION 31
A MACHINE LEARNING ALGORITHM TO RETROSPECTIVELY TRACK DAILY MEALS IN ELDERLY FRAIL INDIVIDUALS WEARING CONTINUOUS GLUCOSE MONITORING DEVICE
Nunzio Camerlingo, Pfizer, Cambridge MA, USA

3:00-3:30 PM  COFFEE BREAK AND POSTER SESSION

3:30-5:00 PM  LATE BREAKING ORAL COMMUNICATIONS

5:00-6:00 PM  POSTER SESSION
1 • FRAILTY IN CLINICAL PRACTICE AND PUBLIC HEALTH

P1 • Intervention with an exercise program to reduce falls in frail older adults
Carmen Eliana Peralta Vargas Air Force Central Hospital. Lima. (Peru)
P2 • Validation and Clinical Application of the System for Tracking and Evaluating Performance (Step–App): A Novel Mobile Telemonitoring System for Frail Patients
Marco Invernizzi Department of Health Sciences, University of Eastern Piedmont (Italy)
P3 • Predicting negative outcomes in trauma patients with rib fractures: A retrospective comparison of three frailty scales
Colette Galet, University of Iowa Carver College of Medicine, Coralville, IO, (USA)
P4 • Association of serum vitamin D levels and risk of malnutrition according to degree of frailty in older adults
Gámez Treviño Daniel, MPhil, Geriatric Unit, Internal Medicine Department, Hospital Universitario “Dr. José Eleuterio González”, Universidad Autónoma de Nuevo León, Monterrey, (México) P5 • Is frailty discouraging surgeons from performing thoracolumbar fusion? a retrospective study
Benjamin M. Linden, Carver College of Medicine, Iowa City, IO, (USA)
P6 • Quality of life among frail patients undergoing mitral transcatheter edge-to-edge repair
Dounia Rouabhi, Quebec Heart and Lung Institute, Laval University, Québec City, Quebec, (Canada) P7 • Incidence and impact of frailty in midlife trauma patients
Colleen Bloeser, Carver College of Medicine; 2. Division of Acute Care Surgery, Department of Surgery, Iowa City IA (USA)
P8 • Role of Polysocial Score in the Association between Blood- Based Biomarkers and Risk of Frailty
Chenkai Wu, Duke Kunshan University, Kunshan Jiangsu (China)
P9 • Sustained frailty remission and dementia risk in older adults: A longitudinal study
Shuomin Wang, Xiangya School of Nursing, Central South University, Changsha Hunan (China)
P10 • The coexistence of multimorbidity and frailty and its influence on health-related quality of life: a cross-sectional survey among community-dwelling middle-aged and older adults in China
Enying Gong, Chinese Academy of Medical Sciences, Beijing (China)
P11 • Association between frailty and readmissions in hospitalized patients with systemic lupus erythematosus (SLE)
Namrata Singh, MD;MSc, Bellevue WA (USA)
P12 • The association of urbanization with frailty status in China
Hillary B. Spangler, Division of Geriatric Medicine, UNC School of Medicine, Chapel Hill, NC (USA)
P13 • Geriatric assessment of frailty syndrome in kidney transplant candidates and recipients
Hana Vankova Third Faculty of Medicine, Charles University, (Czech Republic)
P14 • Black Patients Experience Increased Complications within the Frail Population in Head and Neck Free Flap Surgery
Akshar Warrier Department of Otolaryngology, Rutgers New Jersey Medical School, Newark, NJ. (USA)
P15 • Effects of loneliness and preference for solitude on physical frailty transition in middle age and old age in Japan
Nanako Sasaki National Institute of Advanced Science and Technology, (Japan)
P16 • Emergency Department Interventions for Frailty (EDIFY): Can a Front-Door Geriatrics Program Improve Patient Experience?
Jewel Baldevarona-Llego Department of Geriatric Medicine, Tan Tock Seng Hospital, (Singapore)
P17 • Frailty Assessment for Risk prediction in Gynecologic Oncology (FARGO study): Physician Acceptability Substudy
Anjali Kulkarni McMaster University, Hamilton Ontario (Canada)
P18 • Detecting patients with high chances of frailty reversibility using intrinsic capacity: real life data from the INSPIRE-ICOPE Care cohort in France
Emmanuel Gonzalez-Bautista Gerontopole, Toulouse. University Hospital, WHO Collaborating Center for Frailty, Clinical and Geroscience Research, and Geriatric Training, Toulouse, (France)
P19 • Use of Alternative Strength Measures to Assess Phenotypic Frailty in Patients with Rheumatoid Arthritis
Hannah F. Brubeck VA Puget Sound Healthcare System, Seattle, WA, (USA)
P20 • Grip strength may not be an appropriate surrogate for sarcopenia in waitlisted kidney transplant patients
Daniel Katz University of Iowa and Iowa City Veterans Affairs Hospital, Transplant Division, Iowa City IO,(USA)
P21 • Day Seven versus Day One Frailty and the outcome of acute-on-chronic liver failure
David Liška Matej Bel University, Banská Bystrica, (Slovakia)
P22 • Screening for frailty and sarcopenia using a fully guided smartphone/tablet application: Validation of the Fit-Frailty App in clinical practice
Courtney C. Kennedy McMaster University, Hamilton ON, (Canada)
P23 • Risk of malnutrition and frailty frequently co-occur in older adults with community-acquired pneumonia
Charles Broghammer Department of Emergency Medicine, University of Wisconsin-Madison (USA)
P24 • Prevalence of frailty clinical profiles of community dwelling older adults seeking to comprehensive geriatric assessment at home: FREEDOM cohort study
Achille Tchalla MD,PhD, UR 24134 - Aging & Digital Health Lab University of Limoges, France Limoges (France)
P25 • Frailty in Older Adults with Systemic Lupus Erythematosus and Emergency Department Utilization: An Administrative Claims Data Analysis of Medicare Beneficiaries
Sarah B. Lieber MD, Division of Rheumatology, Hospital for Special Surgery, New York, NY, (USA)
P26 • Unique Factors Affecting Physical Activity Behavior Change Among Non-Frail, Pre-Frail and Frail Older Adults.
Megan Huisingh-Scheetz MD, University of Chicago, Chicago, IL (USA)

2 • COGNITIVE FRAILTY

P27 • The interplay of social determinants of health and cognitive functioning among older adults: A cross-cultural analysis using
Jonathan Aseye Nutakor,, PhD, School of management, Jiangsu University, Zhenjiang Jiangsu (China)
P28 • The prevalence and overlap of physical, psychological, cognitive, and social frailty among community-dwelling middle-aged and older adults in China: a cross-sectional survey
Xiaoxiao Wei, School of Population Medicine and Public Health, Chinese Academy of Medical Sciences and Peking Union Medical, Beijing (China)
P29 • The interrelationship between sarcopenia and mild cognitive impairment, Alzheimer’s disease and other forms of dementia: a systematic review and meta-analysis
Nadjia Amini, Department of Public Health and Primary Care, KU Leuven, Leuven, (Belgium)

POSTERS
P30 • External validation of CRIDECO anticholinergic scale (CALS) to predict cognitive impairment, in-hospital and 3-month mortality in older patients discharged from acute care hospitals: a comparative analysis with ACB scale
Luca Soraci, National Institute for Research and Care of the Elderly, Ancona and Cosenza, (Italy)
P31 • Promoting systemic change: cognitive and physical frailty intervention in geriatric outpatient clinics
Hana Vanková, Third Faculty of Medicine, Charles University, Praha, (Czech Republic)
P32 • Impact of sarcopenia and frailty on cognitive function among Chilean older people with type 2 diabetes: a community-based cross-sectional comparative study
Agneszka Bozanic, Universidad Andrés Bello sede Viña del Mar (Chile)

3 • COVID 19 & FRAILTY & SARCOPENIA
P33 • Probable sarcopenia and functional impairment after hospitalization due to Covid-19 in people aged 50 years or older
José Eduardo Pompeu, School of Medicine, Department of Physiotherapy, Speech and Occupational Therapy, University of Sao Paulo, (Brazil)
P34 • Sarcopenic obesity and functional impairment in nursing home: ESPEN/EASO versus AWGS criteria
Huiyu Tang, West China Hospital, Sichuan University, Chengdu (China)
P35 • The exerkine irisin diminished in plasma with higher oxidative stress and physical inactivity in older subjects socially isolated during the COVID 19 pandemic
Marcelo Paes de Barros, Interdisciplinary Program in Health Sciences, ICAFE, Cruzeiro do Sul University, Sao Paulo, SP, (Brazil)
P36 • COVID-19 FI Lab: Frailty Index “Lab” as a Predictor of Mortality and Secondary Infection in Patients Aged 70 and Older hospitalized with COVID-19
Maria Beatrice Zazzara, MD, Fondazione Policlinico Universitario Agostino Gemelli IRCSS, Rome (Italy)
P37 • The Association of Non-Severe COVID-19 Infection with Incident Functional Deficits in Robust Older Veterans
Natasha Melo Resendes, Miami VAHS Geriatric Research Education Clinical Center, Miami, FL, (USA)
P38 • Non-Severe COVID-19 Infection is Associated with an Increased Risk of Incident Dementia and Mood Disorders in Robust Older Veterans
Natasha Melo Resendes, Miami VAHS Geriatric Research Education Clinical Center, Miami, FL, (USA)
P39 • Association of Incident Sensory Deficits Other Than Anosmia and Ageusia in patients with Non-severe COVID-19 Infection
Natasha Melo Resendes, Miami VAHS Geriatric Research Education Clinical Center, Miami, FL, (USA)
P40 • Incidence of Cardiovascular Sequelae in Previously Robust Older Veterans with Non-severe COVID-19 Infection
Natasha Melo Resendes, Miami VAHS Geriatric Research Education Clinical Center, Miami, FL, (USA)
P41 • The Association of Non-Severe COVID-19 with New Osteoporosis Diagnosis in Older, Robust Veterans
Natasha Melo Resendes, Miami VAHS Geriatric Research Education Clinical Center, Miami, FL, (USA)
P42 • Characterization of patients with hip fracture hospitalized during COVID-19 in a tertiary referral center in northeastern Colombia.
Daren Araque, Medical student. Industrial University of Santander, Bucaramanga (Colombia)

4 • E-HEALTH, DIGITAL TOOL
P43 • Discrimination of frailty phenotype by KineticTM-based stepping parameters
Yosuke Osuka, National Center for Geriatrics and Gerontology, Obu Aichi (Japan)

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Pei-Yu Wu, RD, PhD, Department of Nutrition, China Medical University, Taichung, (Taiwan)
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Pei-Jung Chiang, Taichung Veterans General Hospital, Taichung (Taiwan)
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Ji Yeon Baek, Asan Medical Center, Seoul (South Korea)
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Alexandra Papaioannou, MD, Geras Centre for Aging Research, St. Peter’s Hospital, Hamilton, ON, (Canada)

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Olivia Turner, University of Sheffield, Healthy Lifespan Institute, Alfreton (UK)

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Chenkai Wu, Duke Kunshan University, Kunshan Jiangsu (China)
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Rongna Lian, National Clinical Research Center for Geriatrics, West China Hospital, Sichuan University, Chengdu, (China)
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Xuchao Peng, West China Hospital, Sichuan University, Chengdu, Sichuan (China)
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Minchae C Kang, Center for Translational Research in Aging & Longevity, Texas A&M University, College Station, TX, (USA)

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Juliana Lustra Torres, MD, PhD, Universidade Federal de Minas Gerais, Belo Horizonte (Brazil)

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Charlotte Beaudart, Research Institute for Life Sciences (NARILIS), Department of Biomedical Sciences, Faculty of Medicine, University of Namur, Namur, Belgium

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Charlotte Beaudart, Research Institute for Life Sciences (NARILIS), Department of Biomedical Sciences, Faculty of Medicine, University of Namur, Namur, Belgium

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Natallia Prokopenko, Chebotarev State Institute of Gerontology of the National Academy of Medical Sciences of Ukraine, Kiev, Ukraine

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Fengjuan Hu, West China Hospital, Sichuan University, Sichuan, China

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Wan-Hsuan Lu, Gérontopôle, Centre Hospitalier Universitaire de Toulouse, France

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Tiago da Silva Alexandre, Gerontology Department, Federal University of Sao Carlos, Sao Carlos, Brazil

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Christine K. Liu, MD, Palo Alto CA (USA)

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Laure Rouch, Gérontopôle de Toulouse, Institut du Vieillissement, CHU de Toulouse, France

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Nurdiana Z. Abidin, PhD, School of Biosciences, Faculty of Science and Engineering, University of Nottingham Malaysia, MALAYSIA, Lifestyle Science Cluster, Advanced Medical and Dental Institute, Universiti Sains Malaysia, Malaysia

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Xueying Ji, Huadong Hospital Affiliated to Fudan University, Shanghai, China

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Murad H. Taani, University of Wisconsin Milwaukee, Milwaukee Wisconsin, USA

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Kiat Sern Goh, Geriatric Medicine, Changi General Hospital, Singapore

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Erik Fung, MD, PhD, Department of Medicine & Therapeutics, Faculty of Medicine, University of Hong Kong, Hong Kong, China

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Michael O. Harris-Love, University of Colorado Anschutz Medical Center, Centennial Colorado, USA

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Emmanuel Gonzalez-Bautista, Gerontopole, Toulouse. University Hospital, WHO Collaborating Center for Frailty, Clinical and Geroscience Research, and Geriatric Training, Toulouse, France

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Milan Holecek, Charles University, Hradec Králové, Czech Republic

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Kazuyuki Ogiso, PhD, Department of Education, Aoyama Gakuin University, Shibuya, Tokyo, Japan

P76 • Exercise to maintain physical health & quality of life in frail and pre-frail seniors after minor injuries
Marie-Josee Sirois, Centre d’Excellence sur le Vieillissement de Québec, Canada

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P81 • Evaluate the sensitivity and specificity in each domain by age group
Marcos Eduardo Scheicher, Department of Physical Therapy and Occupational Therapy, Paulista State University-UNESP, Marilia, SP, (Brazil)
P82 • Poor documentation of sarcopenia suggested a lack of diagnosis in geriatric rehabilitation inpatients
Thang Dao, Department of Medicine and Aged Care, The Royal Melbourne Hospital, The University of Melbourne, Parkville, Victoria, (Australia)
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Sergi Blancaford, Fundació Salut i Entrevelliment UAB (FSIE-UAB), Barcelona, (Spain)
P84 • How are the recommendations of the ICOPE program’s Step3 (personalized care plan) applied?
Caroline Berbon, Toulouse Hospital, Gérontopôle, Toulouse (France)
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Z Steinmeyer, Toulouse Hospital, Gérontopôle, Toulouse (France)

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Jared M. Gollie, PhD, Washington DC VA Medical Center (USA)
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Sarah Damanti, MD, PhD, Università Vita Salute San Raffaele, Milan (Italy)
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Melissa J. Benton, University of Colorado Colorado Springs, Colorado Spring CO (USA)
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Renato Bandeira de Mello Department of Internal Medicine, Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, (Brazil)
P93 • Different cutoff points for low muscle mass assessed by dual-energy x-ray absorptiometry and its association with physical and functional parameters in Brazilian older adults
Renato Bandeira de Mello Department of Internal Medicine, Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, (Brazil)
P94 • Low muscle mass, fat mass excess and its association with physical and functional variables in Brazilian older adults
Renato Bandeira de Mello Department of Internal Medicine, Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, (Brazil)

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Yuichi Kitagawa, National Center for Geriatrics and Gerontology, Obu (Japan)
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Anna Picca, Department of Medicine and Surgery, Università LUM, Casamassima, (Italy)
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Laurence Lapauw, Department of Public Health and Primary Care, KU Leuven, Leuven, (Belgium)
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