

9:00 AM **WELCOME ADDRESS**
Roger Fielding, PhD, Tufts University, Boston, MA (USA), Marco Pahor, MD, University of Florida, Gainesville (USA), Matteo Cesari, MD, PhD, Università di Milano, Milan (Italy) and Bruno Vellas, MD, PhD, Gerontopole, Toulouse University, Toulouse (France)

9:00- 9:10 AM **Opening Ceremony and ICFSR Lifetime Achievement Award awarded to Heike A. Bischoff-Ferrari in recognition for her extensive contributions to the advancement of research in frailty and age-related chronic diseases**
Introduction by Roger Fielding, PhD, Tufts University, Boston, MA (USA) and Bruno Vellas, MD, PhD, Gerontopole, Toulouse University, Toulouse (France)

9:10- 9:30 AM **KEYNOTE 1: DETERMINANTS OF HEALTHY AGING - WHAT CAN WE LEARN FROM DO-HEALTH?**
Heike A. Bischoff-Ferrari, MD, PhD, University of Zurich, Zurich (Switzerland)

9:30 – 10:10 AM **SYMPOSIUM 1: RESULTS OF THE SPRINTT PROJECT**
Chairmen: Francesco Landi, MD, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Università Cattolica del Sacro Cuore, Rome (Italy), Bruno Vellas, MD, PhD, Gerontopole, Toulouse University Hospital, Toulouse (France), Marco Pahor, MD, University of Florida, Gainesville (USA)
• What we have learnt from the SPRINTT Project
Roberto Bernabei, MD, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS Università Cattolica del Sacro Cuore, Rome, (Italy)
• SPRINTT Randomized Clinical Trial: main results
Emanuele Marzetti, MD, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS Università Cattolica del Sacro Cuore, Rome (Italy)
• SPRINTT legacy: prevention of mobility disability in the real world
Riccardo Calvani, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS Università Cattolica del Sacro Cuore, Rome, (Italy)

LIVE Q&A

10:10 – 10:30 AM **KEYNOTE 2: COVID-19, DEMENTIA, AND FRAILTY: A FEARFUL SYMMETRY?**
Kenneth Rockwood, MD, Dalhousie University, Halifax (Canada)

ORAL COMMUNICATIONS

10:30 **OC1 • Clinical Trial of Metformin for Frailty Prevention in Community-Dwelling Older Adults with Pre-Diabetes**
Sara Espinoza, MD, University of Texas Health Science Center, San Antonio, TX (USA)

10:40 **OC2 • Impact of L-Citrulline supplementation combined with low-intensity resistance training on body composition and strength in postmenopausal women**
Arturo Figueroa, MD, PhD, Texas Tech University, Lubbock, TX (USA)

10:50 **OC3 • Does Krill Oil Supplementation Result in an Increase in Muscle Function? A Randomised Controlled Trial**
Stuart Gray, PhD, Institute of Cardiovascular and Medical Sciences, University of Glasgow, Glasgow (UK)

11:00 **OC4 • The Holistic Assessment and Care Planning in Partnership Study (HAPPI): Results of a feasibility randomized controlled trial of a nurse-led intervention for community-dwelling older people who live with frailty**
Helen Lyndon, University of Plymouth, Plymouth (UK)

11:10 **OC5 • Preoperative rehabilitation is feasible in the weeks prior to surgery and significantly improves functional performance**
Daniel E. Hall, MD, VA Pittsburgh Healthcare System, Pittsburgh, PA (USA)

11:20 AM-11:30 AM **LIVE Q&A OF ORAL COMMUNICATIONS OC1 TO OC5**

11:30 – 12:10 PM **ROUNDTABLE 1: Topline results from the Phase IIB study of Lomecel-B in patients with Aging Frailty**
Longeveron Inc, Miami, FL (USA)

ROUNDTABLE DISCUSSION AND LIVE Q&A

ORAL COMMUNICATIONS

12:10 **OC6 • Sarcopenia and adherence affect response to an exercise/nutrition intervention in nursing home residents**
Emelie Karlsson, PhD, Karolinska Institutet, Stockholm (Sweden)

12:20 **OC7 • Urolithin A supplementation improves muscle strength in humans and positively impacts biomarkers of cellular health**
Anurag Singh, PhD, Amazentis SA, Lausanne (Switzerland)

12:30 **OC8 • The combined effects of physical frailty and cognitive impairment on all-cause and emergency department-related hospitalizations: results from linked cohort and claims data**
Brian Buta, Johns Hopkins Center on Aging and Health, Baltimore, MD (USA)

12:40 **OC9 • The effects of Vitamin D Supplementation on Frailty in Community-Dwelling Older Adults at Risk for Falls**
Yurun Cai, PhD, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland (USA)

12:50 PM-1:00 PM **LIVE Q&A OF ORAL COMMUNICATIONS OC6 TO OC9**

1:00-2:00 PM **LIVE CHAT WITH ON DEMAND PRESENTERS – CHAT WITH PRESENTERS IN THE PLATFORM**

9:00 AM **WELCOME ADDRESS**

9:00-9:30 AM **ROUNDTABLE 2:**
Topline results from the Phase IIB study of Lomecel-B in patients with Aging Frailty
 • Results from the SARA-OBS Phase 2 study
 • Topline results from the SARA-INT Phase 2B interventional clinical trial
Biophytis

PANEL DISCUSSION AND LIVE Q&A

9:30-9:50 AM **CONFERENCE 1:**
The impact of COVID-19 on intrinsic capacity: preliminary results and future perspectives
Matteo Cesari, MD, PhD, Università di Milano, Milan (Italy)

09:50-10:30 AM **ROUNDTABLE DISCUSSION 3:**
"Why" rather than "How": A Trans-Paradigmatic Discussion on the Urgency of the Frailty Concept for Optimizing Outcomes for Older Adults
Chair: Luigi Ferrucci, MD, National Institute on Aging, National Institutes of Health, Baltimore, MD (USA)
 • How is frailty conceptualized?
 • What is the importance of frailty for older individuals, for public health policy and practice aimed at older adults, and for clinical care of older adults? How can frailty assessment and/or management be of benefit in these areas?
 • What are the highest research imperatives / gaps to address in order for the envisioned benefits to be realized?
Discussants: Susan E Howlett PhD, Dalhousie University, Halifax, Nova Scotia (Canada), Karen Bandeen-Roche, PhD, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD (USA) Matteo Cesari, MD, PhD, Ca' Granda-Università di Milano, Milan (Italy)

LIVE Q&A OF ORAL COMMUNICATIONS OC6 TO OC9

10:30-11:10 AM **ORAL COMMUNICATIONS**

10:30 **OC10 • Pro-autophagic and anabolic amino acids improve muscle force during aging**
Claire Boutry-Regard, PhD, Nestle Research, Lausanne (Switzerland)

10:40 **OC11 • Myogenic and stress factors are differentially expressed in skeletal muscle of older adults with low muscle strength**
Sebastiaan Dalle, KU Leuven, Leuven (Belgium)

10:50 **OC12 • The effect of young and old ex vivo human serum on cellular protein synthesis and growth in an in vitro model of ageing**
Sophie L. Allen, University of Birmingham, Edgbaston, Birmingham (UK)

11:00 **OC13 • Epigenetic Age Acceleration and Change in Frailty in MOBILIZE Boston**
Benjamin Seligman, MD, PhD, Harvard Medical School, Boston, MA (USA)

LIVE Q&A OF ORAL COMMUNICATIONS OC10 TO OC13

11:20-11:40 AM **CONFERENCE 2:**
Skeletal muscle and exercise research opportunities in MOTRPAC
Marco Pahor, Institute on Aging, University of Florida, Gainesville, FL (USA)

11:40-12:30 PM **ORAL COMMUNICATIONS**

11:40 **OC14 • Sex differences in muscle-ageing: a cross-sectional study**
Jelle de Jong, Wageningen University, Wageningen (the Netherlands)

11:50 **OC15 • Adverse muscle composition predicts all-cause mortality in the UK Biobank imaging study**
Jennifer Linge, AMRA Medical, Linköping, Sweden

12:00 **OC16 • Sarcopenia and Sarcopenic Obesity and Incident Fall Risk: Data from the National Health and Aging Trends Survey**
John A. Batsis, MD, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina (USA)

12:10 **OC17 • Self-Management Behavior and the Fluctuations of Frailty among Community-Dwelling Older Adults in Taiwan: A National Longitudinal Population-Based Cohort Study**
To Thi Lien, PhD candidate - School of Public Health, China Medical University, Taiwan (China)

12:20 **OC18 • Heterogeneity of Frailty Trajectories and associated factors in the Lothian Birth Cohort 1936**
Miles Welstead, University of Edinburgh, Edinburgh (UK)

LIVE Q&A OF ORAL COMMUNICATIONS OC14 TO OC18

12:40 – 1:00 AM **KEYNOTE 3: MAINTAINING MOBILITY IN OLD AGE**
Peggy Cawthon, California Pacific Medical Center Research Institute, San Francisco, CA (USA)

1:00-1:35 PM **NATURE AGING JOURNAL: PRESENTATION AND ROUNDTABLE LIVE DISCUSSION**

1:00- 2:00 PM **LIVE CHAT WITH POSTER PRESENTERS – MEET THE AUTHORS IN THE VIRTUAL POSTER HALL**
LIVE CHAT WITH ON DEMAND PRESENTERS – CHAT WITH PRESENTERS IN THE PLATFORM

9:00 AM	WELCOME ADDRESS
9:00-9:50 AM	ORAL COMMUNICATIONS
9:00	OC19 • Frailty trajectories in three longitudinal studies of aging: is the level or the rate of change more predictive of mortality <i>Juulia Jylhävä, Karolinska Institutet, Stockholm (Sweden)</i>
9:10	OC20 • Accelerometer-derived age- and sex-specific physical activity intensity metrics: predictive validity for all-cause mortality <i>Eric Shiroma, National Institute on Aging, NIH, Baltimore, MD (USA)</i>
9:20	OC21 • Can jump test performance be used as a screening tool to predict the hip skeletal status in older adults? <i>Harshvardhan Singh, PhD, University of Alabama at Birmingham, Birmingham, AL (USA)</i>
9:30	OC22 • Inflammatory Markers are Associated with Quality of Life, Physical Activity & Gait Speed but not Sarcopenia in Older Men (40-79y) <i>Jolan Dupont MD, Department of Public Health and Primary Care, KU Leuven (Belgium)</i>
9:40	OC23 • Skin autofluorescence, a non-invasive biomarker of advanced glycation end-products (AGEs), is associated with frailty: The Rotterdam study <i>Komal Waqas, Erasmus University Medical Center, Rotterdam (The Netherlands)</i>

9:50-10:00 AM LIVE Q&A OF ORAL COMMUNICATIONS OC19 TO OC23

10:00-10:20 AM KEYNOTE 4: SIRTUIN-NAD ACTIVATORS IN COVID-19 INFECTION
Shalender Bhasin, Brigham and Women's Hospital, Harvard Medical School, Boston, MA (USA)

10:20-11:00 AM SYMPOSIUM 2: IMPROVING CARE FOR OLDER ADULTS LIVING WITH FRAILTY: RESULTS FROM THE CANADIAN FRAILTY NETWORK'S TRANSFORMATIVE GRANT STUDIES
Chair: John Muscedere MD, Canadian Frailty Network, Queen's University
• Results from the BABEL (Better tArgeting, Better outcomes for frail ELderly patients) Advance Care Planning Program and Trial
George Heckman MD, Research Institute for Aging; School of Public Health and Health Systems, University of Waterloo (Canada)
The CFN Transformative Project on Primary Care for Older Canadians Living with Frailty: Analyses of the Intersection between Frailty and Socio-Economic Status
Kenneth Rockwood, MD, Dalhousie University, Halifax (Canada)

11:00-11:20 AM CONFERENCE 3: Monitoring function using the digital WHO ICOPE Monitor program in 10,000 older adults to prevent frailty during the COVID-19 pandemic
Bruno Vellas, MD, PhD, Gerontopole, Toulouse University, Toulouse (France)

11:20-12:10 PM ORAL COMMUNICATIONS

11:20 OC24 • The high intensity interval training and citrulline supplementation alter the circulating and muscle microRNA levels in obese adults over 60 years: a validation study
Jean-Charles Rousseau, PhD, INSERM 1033, Lyon (France)

11:30 OC25 • Frailty is associated with a higher mortality in older people with cancer history: evidence from the 1999-2014 National Health and Nutrition Examination Survey
Dongyu Zhang, MD, PhD, University of Florida College of Public Health and Health Professions, Gainesville, FL (USA)

11:40 OC26 • Plasma proteomic profile of frailty index trajectories in the inchianti study
Toshiko Kanata, PhD, National Institute of Aging, Baltimore, MD (USA)

11:50 OC27 • Body mass index and Mini Nutritional Assessment-Short Form as predictors of in-hospital mortality in older adults with COVID-19
Laura Kananen, PhD, Tampere University, Tampere (Finland)

12:00 OC28 • Onset of Frailty and Diabetes in Older U.S. Veterans
Tiffany M. Cortes, MD, UT Health San Antonio, San Antonio, TX (USA)

12:10-12:20 PM LIVE Q&A OF ORAL COMMUNICATIONS OC24 TO OC28

12:20-12:50 PM ROUNDTABLE 4: Rehabilitation in older persons with long covid
John Morley, St. Louis University, St. Louis, MO (USA)

General discussion & Q&A

Matteo Cesari, Ca' Granda-Università di Milano, Milan (Italy) - Yves Rolland, Toulouse University Hospital, (France) - John Morley, St. Louis University, St. Louis, MO (USA) - Piul Chan, Beijing Institute of Geriatrics and Department of Neurology at Xuanwu Hospital of Capital University of Medical Sciences, Beijing (China)

**1:0-2:00 PM LIVE CHAT WITH POSTER PRESENTERS – MEET THE AUTHORS IN THE VIRTUAL POSTER HALL
LIVE CHAT WITH ON DEMAND PRESENTERS – CHAT WITH PRESENTERS IN THE PLATFORM**

VIRTUAL ICFSR 2021 CONFERENCE – LIVE SESSION • SATURDAY, OCTOBER 2 • USA (EST) TIME

9:00 AM	WELCOME ADDRESS
9:00-9:20AM	CONFERENCE 4: Implications of Impaired Skeletal Muscle Regeneration in Aging <i>Indraniil Sinha, MD, Brigham and Women's Hospital, Harvard Medical School, Boston, MA (USA)</i>
9:20-10:00 AM	SYMPOSIUM 3: RESILIENCE AND MULTIFACTORIAL STRESSORS AMONG OLDER ADULTS DURING THE COVID-19 PANDEMIC <i>Chair: Karen Bandeen-Roche, PhD, Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD (USA)</i> • The multifaceted COVID-19 stressor: Results from a quantitative survey of older adult <i>Alden L. Gross, PhD, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD (USA)</i> • The multifaceted COVID-19 stressor: Results from a qualitative survey of older adults <i>Melissa deCardi Hladek, PhD, Johns Hopkins School of Nursing, Baltimore, MD (USA)</i> • The multifaceted COVID-19 stressor: Results from objective measures salivary cortisol taken in a sample of frail and nonfrail older adults <i>Jenna Mammen, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD (USA)</i>
	LIVE Q&A
10:00-10:40 PM	ORAL COMMUNICATIONS
10:00	OC29 • Replacing Unintentional Weight Loss with Sarcopenia in Physical Frailty Phenotype Construct for Clinical Use <i>Mara McAdams-DeMarco, PhD, John Hopkins University, Baltimore, MD (USA)</i>
10:10	OC30 • Frailty in Systemic Lupus Erythematosus: An Administrative Claims Data Analysis <i>Rajashakar Donaka, The Azrieli Faculty of Medicine, Bar-Ilan University, Safed (Israel)</i>
10:20	OC31 • Does altered lipid metabolism due to loss of srebf1 decrease muscle mass in zebrafish? <i>Rajashakar Donaka, The Azrieli Faculty of Medicine, Bar-Ilan University, Safed (Israel)</i>
10:30	OC32 • Physical frailty trajectories in older U.S. nursing home residents <i>Yiyang Yuan, PhD Candidate, University of Massachusetts Medical School, Worcester, MA (USA)</i>
10:40-10:50 PM	LIVE Q&A OF ORAL COMMUNICATIONS OC29 TO OC32
10:50-11:30 PM	LATE BREAKING COMMUNICATIONS LB1 LB2 LB3 LB4
11:30-11:40 PM	LIVE Q&A OF ORAL COMMUNICATIONS LB1 TO LB4
11:40-12:00 AM	SARCOPENIA ACROSS SPECIES: A ONE HEALTH APPROACH <i>Chair: Roger Fielding, Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts University, Boston, MA (USA)</i> <i>Lisa Freeman, Cummings School of Veterinary Medicine, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA (USA)</i>
12:00-12:40 PM	LATE BREAKING COMMUNICATIONS LB5 LB6 LB7 LB8
12:40-12:50 PM	LIVE Q&A OF ORAL COMMUNICATIONS LB5 TO LB8
12:50PM	END OF CONFERENCE ADDRESS
1:00- 2:00 PM	LIVE CHAT WITH POSTER PRESENTERS – MEET THE AUTHORS IN THE VIRTUAL POSTER HALL LIVE CHAT WITH ON DEMAND PRESENTERS – CHAT WITH PRESENTERS IN THE PLATFORM

SYMPOSIUM: FRAILITY IN RHEUMATIC DISEASES: EVIDENCE TO DATE AND LESSONS LEARNED

Chair: Devyani Misra, MD, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, MA (USA)

• Frailty and Rheumatoid Arthritis

Katherine Wysham, MD, VA Puget Sound Health Care System and University of Washington, Seattle, WA (USA)

• Frailty and Systemic Lupus Erythematosus

Sarah Lieber, MD, Hospital for Special Surgery and Weill Cornell Medicine, New York, NY (USA)

• Frailty and Other Rheumatic Diseases

Sebastian Sattui, MD, University of Pittsburgh Medical Center, Pittsburgh, PA (USA)

ORAL COMMUNICATIONS

OC33 • Adverse muscle composition predicts all-cause mortality independent of functional performance level in the UK Biobank imaging study

Jennifer Linge, AMRA Medical, Linköping, Sweden

OC34 • A Phase 2, Randomized, Double-Blind, Placebo-Controlled Study in Japan to Investigate the Safety and Efficacy of Lomecel-B administration by Longeveron in patients with Aging Frailty: Study Design and Rationale

Kevin N. Ramdas, MD, Longeveron Inc., Miami, FL (USA)

OC35 • Lower-extremity Function Predicts Frailty Through Active Leisure Activities: A Longitudinal Mediation Analysis

Meng Zhao, PhD, Cheeloo College of Medicine, Shandong University, Jinan, Shandong (China)

OC36 • Differences in intrinsic capacity and biological profile according to longitudinal frailty trajectories in community-dwelling older adults

Emmanuel Gonzalez Bautista, MD, Toulouse University Hospital, Inserm CERPOP - UMR1295, Toulouse (France)

OC37 • Elemental age as a novel biomarker for senescence

Wei Gao, Sir Run Run Hospital, Nanjing Medical University, Nanjing (China)

OC38 • Lower Urinary Tract Symptoms and Incident Functional Limitations in Older Community-Dwelling Men

Scott R. Bauer, MD, UCSF and San Francisco VA Healthcare System, San Francisco, CA (USA)

OC39 • Adherence to a Mediterranean lifestyle and frailty occurrence in older adults: the Seniors-ENRICA-1 cohort

Fernando Rodríguez-Artalejo, MD, Universidad Autónoma de Madrid-IdiPaz, CIBERESP and IMDEA Food Institute, Madrid (Spain)

OC40 • The first ICOPE Remote Monitoring Platform in the Occitania region (France): organization and functioning

Neda Tavassoli, PharmD, PhD, Gerontopole, Toulouse University Hospital, Toulouse (France)

OC41 • Sex-specific association of social frailty with intrinsic capacity in community-dwelling older adults

FChi Hsien Huang MD, PhD, E-Da Hospital, Kaohsiung City, Taiwan (China)

OC42 • Age-specific Differences in Anthropometric, Motor and Neuropsychological Factors in Grip Strength

David Russ, PhD, University of South Florida, Tampa, FL (USA)

SYMPOSIUM: FRAILITY AND SARCOPENIA IN LONG COVID-19

Chairs: Riccardo Calvani, PhD and Emanuele Marzetti, MD, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS Università Cattolica del Sacro Cuore, Rome, (Italy)

• Long COVID-19: facts and figures

Francesco Landi, MD, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS Università Cattolica del Sacro Cuore, Rome, (Italy)

• Malnutrition and sarcopenia in long COVID-19

Matteo Tosato, MD, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS Università Cattolica del Sacro Cuore, Rome, (Italy)

• Rationale and implementation of nutritional interventions for long COVID-19

Anna Picca, PhD, Fondazione Policlinico Universitario Agostino Gemelli IRCCS Università Cattolica del Sacro Cuore, Rome, (Italy)

ORAL COMMUNICATIONS

OC43 • Effects of preoperative frailty on outcomes following surgery among patients with gastrointestinal tumors: A systematic review and meta-analysis

Lingyu Ding MD, Nanjing Medical University, Nanjing (China)

OC44 • Association of Executive Function and Postural Stability in Community-Dwelling Older Adults: A Longitudinal Approach

Jennifer Blackwood, PhD, University of Michigan-Flint, Flint, MI (USA)

OC45 • Simple carbohydrate intake and higher risk for physical frailty over 15 years in community-dwelling older adults

Virginie Chuy, Bordeaux Population Health Research Centre U1219, Bordeaux (France)

OC46 • Weight Variability, Physical Functioning and Incident Disability in Older Adults

Katie McMenamín, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA (USA)

OC47 • Evaluation of the value of the SarQoL® questionnaire in screening for sarcopenia

Olivier Bruyère PhD, University of Liège, Liège (Belgium)

OC48 • An electronic frailty index predicts in-hospital mortality in geriatric patients

Jonathan K. L. Mak, Karolinska Institutet, Stockholm (Sweden)

OC49 • Does sarcopenia influence frailty transitions?

Alejandro Álvarez-Bustos, Biomedical Research Center Network for Frailty and Healthy Ageing (CIBERFES), Madrid (Spain)

OC50 • Correcting for subcutaneous adipose tissue marginally improves the association between ultrasound echo intensity and magnetic resonance proton density fat fraction

Benjamin Rush, University of Wisconsin-Madison, Madison, WI (USA)

OC51 • Neurofilament-light chains (NF-L), a biomarker of neuronal damage, is increased in sarcopenic patients: results of the SarcoPhAge study

Aurélié Ladang, University Hospital of Liège, Liège (Belgium)

OC52 • Improvement in functional status at 2 years in pre-frail and frail older people with type 2 diabetes mellitus following a multimodal intervention-MIDFRAIL Clinical Trial

Olga Laosa Zafra, MD, PhD, CIBERFES - Institute of Biomedical Research, University Hospital of Getafe, Madrid (Spain)

SYMPOSIUM: WHO ICOPE IMPLEMENTATION PILOT PROGRAMME

Chairs: Yuka Sumi, MD, MPH, PhD, World Health Organization, Geneva (Switzerland) and Bruno Vellas, MD, PhD, WHO Toulouse Collaborative Center, Toulouse (France)

• What is the 'WHO ICOPE implementation pilot programme'?

Yuka Sumi, MD, MPH, PhD, World Health Organization, Geneva

• Preliminary results of the ICOPE Implementation Program Ready Phase

Michael Valenzuela, MD, PhD, Project Manager & Core Research Team ICOPE Implementation Pilot Program WHO, Geneva (Switzerland)

• Implementing the ICOPE pilot programme: Experience from the field

Panel discussion with Bruno Vellas, MD, PhD, WHO Toulouse Collaborative Center, Toulouse (France) and Ninie Wang, Pinetree Care Group, Beijing, China

NEW FRAILTY PHENOTYPES IN SOUTHERN ITALIAN OLDER POPULATION

Francesco Panza, MD PhD - Unit of Research Methodology and Data Sciences for Population Health, National Research Institute of Gastroenterology "S. De Bellis", Castellana Grotte, Bari, Italy

• Nutritional Frailty, Multimorbidity, and All-cause Mortality: 8-year Follow-up of the Salus in Apulia Study

Dr. Roberta Zupo, Unit of Research Methodology and Data Sciences for Population Health, National Research Institute of Gastroenterology "S. De Bellis", Castellana Grotte, Bari, Italy

• Sensorial frailty: the link between Central and Peripheral Age-Related Hearing Loss and Different Frailty Phenotypes in an Older Population in Southern Italy

Dr. Rodolfo Sardone, Head of Unit of Research Methodology and Data Sciences for Population Health, National Research Institute of Gastroenterology "S. De Bellis", Castellana Grotte, Bari, Italy

• Liver Frailty, Multimorbidity and mortality in an older population of the Southern Italy

Dr. Iaria Bortone, Unit of Research Methodology and Data Sciences for Population Health, National Research Institute of Gastroenterology "S. De Bellis", Castellana Grotte, Bari, Italy

ORAL COMMUNICATIONS

OC53 • Modulating Drp1 expression is not a viable therapeutic target to counteract sarcopenia

Maud Dulac, Université du Québec à Montréal, Montréal, Québec (Canada)

OC54 • Socioeconomic Position and Risk of Sarcopenia in Community-dwelling Older Adults: Findings from the English Longitudinal Study of Ageing

Lauren Swan, School of Medicine, Trinity College, Dublin (Ireland)

OC55 • Effects of body composition on longitudinal grip strength in cardiovascular disease patients from the UK BioBank

Fayeza Ahmad, McGill University, Montréal, Québec (Canada)

OC56 • The impact of a live online exercise training program on older adults' levels of physical activity: a pilot RCT

Giulia Coletta, McMaster University, Hamilton, Ontario (Canada)

OC57 • Osteosarcopenia predicts mortality in older adults with severe aortic stenosis undergoing transcatheter valve replacement

Pablo Solla Suárez, MD, Jewish General Hospital, McGill University, Montréal, Québec (Canada)

OC58 • Study Design and Rationale for HERA: a Phase I/II study evaluating the effects of Intravenous Delivery of Lomecel-B on Vaccine-Specific Antibody Responses in Subjects with Aging Frailty

AKevin N. Ramdas, MD, Longeveron Inc., Miami, FL (USA)

**SYMPOSIUM: COVID-19 & DECONDITIONING IN OLDER ADULTS:
EXERCISE AS SOLUTION FROM CLINIC TO COMMUNITY SETTING**

Chair: Mylène Aubertin-Leheudre; Institut universitaire de gériatrie de Montréal (IUGM), CIUSSS du Centre-Sud-de-l'Île-de-Montréal, Montreal (Canada)

• **Implementing physical activity programs in hospitalized positive covid-19 older adults: a feasibility study**

Yves Rolland, MD, PhD, Gerontopole, Toulouse University Hospital, Toulouse (France)

• **Prevention of Isolation-Related Mobility Loss in Independent Older Adults using a Remote Physical Activity: a solution during the COVID-19 pandemic?**

Mylène Aubertin-Leheudre; Institut universitaire de gériatrie de Montréal (IUGM), CIUSSS du Centre-Sud-de-l'Île-de-Montréal, Montreal (Canada)

• **Physical Exercises at Home a solution to counteract the impacts of COVID-19 restrictions on functional status and mobility among community-dwelling pre-disabled seniors?**

Fanny Buckinx, Institut universitaire de gériatrie de Montréal (IUGM), CIUSSS du Centre-Sud-de-l'Île-de-Montréal, Montreal (Canada)

ORAL COMMUNICATIONS

OC59 • Exploring early detection of frailty syndrome in older adults: evaluation of biomarkers, clinical parameters and modifiable risk factors

Armanda Teixeira-Gomes, MD, EPIUnit - Epidemiology Research Unit, Institute of Public Health, University of Porto, Porto (Portugal)

OC60 • Cognitive impairment predicts sarcopenia after nine years in older community-dwelling Brazilian

Mônica Sanches Yassuda, PhD, State University of Campinas, Campinas, Sao Paulo (Brazil)

OC61 • Predictors and Functional Consequences of Long-COVID in Hospitalized Patients: A Prospective Cohort Study

Márlon Juliano Romero Aliberti, MD, PhD, University of Sao Paulo Medical School and Research Institute, Hospital Sirio-Libanês, Sao Paulo (Brazil)

OC62 • Computed tomography internal calibration for muscle density analysis of critical care patients

Ainsley C.J. Smith, University of Calgary, Alberta (Canada)

OC63 • Association of neutrophil-to-lymphocyte (NLR) ratio with in-hospital mortality according to frailty status in older veterans hospitalized with COVID-19 infection

Marlena Fernandez, MD, Miami VAHS Geriatric Research, Education and Clinical Center (GRECC), Miami, FL (USA)

FRAILTY IN CLINICAL PRACTICE AND PUBLIC HEALTH

P1 • FRAILTY AND OSTEOARTHRITIS IN OLDER CHILEANS

Cecilia Albala, PhD, Institute of Nutrition and Food Technology (INTA), Universidad de Chile (Chile)

P2 • PILOT STUDY ON CHANGES IN GRIP STRENGTH, TIME UP AND GO, PROMIS-PHYSICAL FUNCTION BEFORE AND AFTER BONE MARROW TRANSPLANT FOR HEMATOLOGIC MALIGNANCIES: FRAILTY AND SARCOPENIA RESEARCH IMPLICATIONS

Paulo H.M. Chaves, MD, PhD, Benjamin Leon Center for Geriatric Research and Education, Florida International University, Miami, FL, (USA)

P3 • A 'SNAP-SHOT' VISUAL ESTIMATION OF HEALTH IS ASSOCIATED WITH FRAILTY IN OLDER WOMEN

Patrik Bartosch, MD, Department of Clinical Sciences, Lund University, Malmö, Sweden, Department of Orthopaedics, Skåne University Hospital, Malmö, (Sweden)

P4 • MEAN MORNING HOURLY ACTIVITY AND VARIANCE PREDICT 5-YEAR FRAILTY DECLINE IN A NATIONAL SAMPLE

Megan Huisingsh-Scheetz, MD MPH, University of Chicago, Riverside, IL (USA)

P5 • COMPARISON OF FRAILTY SCALES TO PREDICT ADVERSE INPATIENT EVENTS AND HOSPITAL READMISSION

Joyce Coker, MD, Cambridge Public Health, University of Cambridge, Cambridge, (UK)

P6 • ASSOCIATION BETWEEN FRAILTY STATUS AND CPR OUTCOMES IN OLDER VETERANS

Dominique Tosi MD, University of Miami/Jackson Health System, FL, (USA)

P7 • SIGNIFICANT PSYCHOSOCIAL INFLUENCE IN FRAIL PEOPLE LIVING WITH HIV IN MALAYSIA

Siti Azdiah Abdul Aziz, National University of Malaysia, Kuala Lumpur (Malaysia)

P8 • COMPARISON OF THE FRAILTY JUDGMENT CRITERIA BY GRIP STRENGTH MEASUREMENT THAT ALLOWS FOR REACTION TIME

Yasuo Suzuki, Nihon Fukushi University, Japan - National Center for Geriatrics and Gerontology, Handa (Japan)

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Patrícia Parreira Batista, PT MSc, Universidade Federal de Minas Gerais (UFMG), Belo Horizonte (Brazil)

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Juliana Bonfleur Carvalho nutritionist, Department of Nutrition, Sirio Libanês Hospital, São Paulo (Brazil)

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Andrea Saul Costa PhD, IRCCS Fondazione Don Carlo Gnocchi ONLUS, Milan, (Italy)

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